ПРИЛОЖЕНИЕ 2

СПИСЪК НА ЦИТАТИТЕ НА ПУБЛИКАЦИИТЕ

на

проф. дфн Даниела Василева Йорданова

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1. Ковачева, М., *Йорданова, Н.*, Попов, В., Бояджиев, Я., Гигов, В., 1995. Археомагнитно изследване на енеолитна могила в гр. Русе. Българско Геофизично Списание, т. XXI, No4, 73-86.

2. Kovacheva, M., Pares, J., *Jordanova, N.*, Karloukovski, V., 1995. A new contribution to the archaeomagnetic study of a Roman pottery kiln from Calahorra (Spain). Geophys. J. Intern., 123, 931-936. *IF=2.8*

Цитира се в:

1. García-Redondo, N., Calvo-Rathert, M., Carrancho, A., Bustamante-Álvarez, M. New high precision full-vector archaeomagnetic data from a roman kiln in Mérida (Spain). (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106591, .
2. Molina-Cardín, A., Campuzano, S.A., Osete, M.L., Rivero-Montero, M., Pavón-Carrasco, F.J., Palencia-Ortas, A., Martín-Hernández, F., Gómez-Paccard, M., Chauvin, A., Guerrero-Suárez, S., Pérez-Fuentes, J.C., McIntosh, G., Catanzariti, G., Sastre Blanco, J.C., Larrazabal, J., Fernández Martínez, V.M., Álvarez Sanchís, J.R., Rodríguez-Hernández, J., Martín Viso, I., Garcia i Rubert, D. Updated Iberian Archeomagnetic Catalogue: New Full Vector Paleosecular Variation Curve for the Last Three Millennia. (2018) Geochemistry, Geophysics, Geosystems, 19 (10), pp. 3637-3656.
3. Ferk, A., Leonhardt, R., Hess, K.-U., Dingwell, D.B. Volcanic glass and its suitability to recover the ancient geomagnetic field strength. (2015) Geological Society Special Publication, 396, pp. 265-276.
4. Ferk, A., Leonhardt, R., Von Aulock, F.W., Hess, K.-U., Dingwell, D.B. Paleointensities of phonolitic obsidian: Influence of emplacement rotations and devitrification. (2011) Journal of Geophysical Research: Solid Earth, 116 (12), art. no. B12113, .
5. Hartmann, G.A., Trindade, R.I.F., Goguitchaichvili, A., Etchevarne, C., Morales, J., Afonso, M.C. First archeointensity results from Portuguese potteries (1550-1750 AD). (2009) Earth, Planets and Space, 61 (1), pp. 93-100.
6. Schnepp, E., Lanos, P., Chauvin, A. Geomagnetic paleointensity between 1300 and 1750 A.D. derived from a bread oven floor sequence in Lübeck, Germany. (2009) Geochemistry, Geophysics, Geosystems, 10 (8), art. no. Q08003, .
7. Gallet, Y., Genevey, A., Le Goff, M., Warmé, N., Gran-Aymerich, J., Lefèvre, A. On the use of archeology in geomagnetism, and vice-versa: Recent developments in archeomagnetism. (2009) Comptes Rendus Physique, 10 (7), pp. 630-648.
8. Gómez-Paccard, M., Chauvin, A., Lanos, P., Thiriot, J. New archeointensity data from Spain and the geomagnetic dipole moment in western Europe over the past 2000 years. (2008) Journal of Geophysical Research: Solid Earth, 113 (9), art. no. B09103, .
9. Gómez-Paccard, M., Beamud, E. Recent achievements in archaeomagnetic dating in the Iberian Peninsula: application to Roman and Mediaeval Spanish structures. (2008) Journal of Archaeological Science, 35 (5), pp. 1389-1398.
10. Gómez-paccard, M., Catanzariti, G., Ruiz-Martínez, V.C., McIntosh, G., Núñez, J.I., Osete, M.L., Chauvin, A., Lanos, Ph., Tarling, D.H., Bernal-Casasola, D., Thiriot, J., Sáez-Espligares, A., Garcia-Villanueva, I., Gisbert-Santonja, J.A., Hervás, M.A., Jiménez-Castillo, P., Mesquida-Garciá, M., Navarro, I., Orfila-Pons, M., Ramirez-González, I., Retuerce, M., Urbina, D., Urquijo, C. A catalogue of Spanish archaeomagnetic data. (2006) Geophysical Journal International, 166 (3), pp. 1125-1143.

11. Gómez-Paccard, M., Chauvin, A., Lanos, Ph., Thiriot, J., Jiménez-Castillo, P. Archeomagnetic study of seven contemporaneous kilns from Murcia (Spain). (2006) Physics of the Earth and Planetary Interiors, 157 (1-2), pp. 16-32.
12. Korte, M., Genevey, A., Constable, C.G., Frank, U., Schnepp, E. Continuous geomagnetic field models for the past 7 millennia: 1. A new global data compilation. (2005) Geochemistry, Geophysics, Geosystems, 6 (2), art. no. Q02H15, .
13. Valet, J.-P. Time variations in geomagnetic intensity. (2003) Reviews of Geophysics, 41 (1), pp. 4-1 - 4-44.
14. Chauvin, A., Garcia, Y., Lanos, P., Laubenheimer, F. Paleointensity of the geomagnetic field recovered on archaeomagnetic sites from France. (2000) Physics of the Earth and Planetary Interiors, 120 (1), pp. 111-136.
15. Yang, S., Odah, H., Shaw, J. Variations in the geomagnetic dipole moment over the last 12000 years. (2000) Geophysical Journal International, 140 (1), pp. 158-162.

3. *Jordanova, N.*, Karloukovski, V., Spatharas, V., 1995. Magnetic anisotropy studies on Greek pottery and bricks. Българско Геофизично Списание, т. XXI, No4, 49-58.

Цитира се в:

1. Calvo-Rathert, M.; Morales Contreras, J.; Carrancho, A.; et al. Reproducibility of archaeointensity determinations with a multimethod approach on archaeological material reproductions. (2019) . GEOPHYSICAL JOURNAL INTERNATIONAL 1719-1738), 3 (218
2. Aidona, E.; Kondopoulou, D. First archaeomagnetic results and dating of Neolithic structures in northern Greece. (2012) STUDIA GEOPHYSICA ET GEODAETICA 827-844), 3(56
3. De Marco, E.; Spassov, S.; Kondopoulou, D.; et al. Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece) (2008) PHYSICS AND CHEMISTRY OF THE EARTH 481-495), 6-7(33
4. Tema, E.; Lanza, R. Archaeomagnetic study of a lime kiln at Bazzano (northern Italy). (2008) PHYSICS AND CHEMISTRY OF THE EARTH , 33 (6-7), 534-543
5. Genevey, AS; Gallet, Y; Margueron, JC. Eight thousand years of geomagnetic field intensity variations in the eastern Mediterranean. (2003) JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH, 108 , B5 Article Number: 2228

4. *Jordanova, N.*, Jordanova, D., Karloukovski, V., 1996. Magnetic fabric of Bulgarian loess sediments derived by using various sampling techniques. Studia Geoph. et Geodaet., 40, 36-49. *IF=0.9*

Цитира се в:

1. Kurbanov O.A., Pavlov R.N., Meshcheryakova V.E., 2023 Reconstructions of Paleowind Directions in the Pleistocene: Evidence from the Anisotropy of Magnetic Susceptibility of the Loess–Paleosol Series of Tajikistan and the Azov Region Izvestiya, Physics of the Solid Earth 59(5), pp. 704-716
2. Teodorski, A. 2023 The anisotropy of magnetic susceptibility as a method to study Quaternary deposits: theory and applications Geological Quarterly 67(4),503
3. Költringer, C., Bradák, B., Stevens, T., (...), Kurbanov, R., Snowball, I. 2021 Palaeoenvironmental implications from Lower Volga loess - Joint magnetic fabric and multi-proxy analyses. Quaternary Science Reviews 267, 107057
4. Bradák, B., Seto, Y., Chadima, M., Kovács, J., Tanos, P., Újvári, G., Hyodo, M. Magnetic fabric of loess and its significance in Pleistocene environment reconstructions. (2020) Earth-Science Reviews, 210, art. no. 103385, .
5. Silva, P.F., Roque, C., Drago, T., Belén, A., Henry, B., Gemma, E., Lopes, A., López-González, N., Casas, D., Naughton, F., Vázquez, J.T. Multidisciplinary characterization of Quaternary mass movement deposits in the Portimão Bank (Gulf of Cadiz, SW Iberia). (2020) Marine Geology, 420, art. no. 106086, .
6. Kon, S., Nakamura, N., Nishimura, Y., Goto, K., Sugawara, D. Inverse magnetic fabric in unconsolidated sandy event deposits in Kiritappu Marsh, Hokkaido, Japan. (2017) Sedimentary Geology, 349, pp. 112-119.
7. Van Baelen, A. The Lower to Middle Palaeolithic Transition in Northwestern Europe: Evidence from Kesselt-Op de Schans. (2017) The Lower to Middle Palaeolithic Transition in Northwestern Europe: Evidence from Kesselt-Op de Schans, pp. 1-242.
8. Taylor, S.N., Lagroix, F. Magnetic anisotropy reveals the depositional and postdepositional history of a loess-paleosol sequence at Nussloch (Germany). (2015) Journal of Geophysical Research: Solid Earth, 120 (5), pp. 2859-2876.

9. Zeeden, C., Hambach, U., Händel, M. Loess magnetic fabric of the Krems-Wachtberg archaeological site. (2015) Quaternary International, 372, pp. 188-194.
10. Matasova, G.G., Kazansky, A.Yu. Magnetic properties and magnetic fabrics of Pleistocene loess/palaeosol deposits along west-central Siberian transect and their palaeoclimatic implications. (2004) Geological Society Special Publication, 238, pp. 145-173.
11. Lagroix, F., Banerjee, S.K. The regional and temporal significance of primary aeolian magnetic fabrics preserved in Alaskan loess. (2004) Earth and Planetary Science Letters, 225 (3-4), pp. 379-395.
12. Nowaczyk, N.R. Detailed study on the anisotropy of magnetic susceptibility of arctic mantle sediments. (2003) Geophysical Journal International, 152 (2), pp. 302-317.
13. Hus, J.J. The magnetic fabric of some loess/palaeosol deposits. (2003) Physics and Chemistry of the Earth, 28 (16-19), pp. 689-699.

5. Jordanova, D., Petrovsky, E., *Jordanova, N.*, Evlogiev, J., Butchvarova V., 1997. Rock magnetic properties of recent soils from North Eastern Bulgaria. Geophys.J.Int., 128, 477-484. *IF=2.8*

Цитира се в:

1. Ameen, N. 2024 Monitoring of Soil Pollution in Agricultural Lands Using Magnetic Susceptibility and Mineralogy Analyses, North Al-Muthanna Province, Iraq. Iraqi Geological Journal, 57(1), pp. 88-99
2. Vázquez-Castro, G., Solís-Castillo, B. Late Pleistocene-Holocene paleoclimatic implications in the Mixteca Alta, Oaxaca, Mexico, by using rock magnetism and micromorphological techniques. (2021) Journal of South American Earth Sciences, 108, art. no. 103186, .
3. Eso, R., Safiuddin, L.O., Bijaksana, S., Ngkoimani, L.O., Agustine, E., Tamuntuan, G., Tufaila, M., Syaf, H., Harudu, L., Alfat, S., Usman, I., Hasrorayan, Ardin. Patterns of variation magnetic properties and chemical elements of soil profile in landslide area of South East Sulawesi Indonesia. (2019) IOP Conference Series: Earth and Environmental Science, 311 (1), art. no. 012008, .
4. Vázquez C., G., Solís C., B., Solleiro-Rebolledo, E., Goguitchaichvili, A., Morales C., J.J. Mineral magnetic properties of an alluvial paleosol sequence in the Maya Lowlands: Late Pleistocene–Holocene paleoclimatic implications.(2016) Quaternary International, 418, pp. 10-21.
5. DytŁow, S.K., Górka-Kostrubiec, B. Magnetic parameters as an indicator of the processes occurring in the degraded chernozem developed in loess from Miechow area [Parametry magnetyczne jako wskaźnik procesów zachodzących w czarnoziemie zdegradowanym uformowanym na miechowskim płacie lessowym]. (2014) Scientific Review Engineering and Environmental Sciences, 23 (2), pp. 170-184.
6. Han, G.-Z., Zhang, G.-L. Changes in magnetic properties and their pedogenetic implications for paddy soil chronosequences from different parent materials in south China. (2013) European Journal of Soil Science, 64 (4), pp. 435-444.
7. Bartel, A.A., Bidegain, J.C., Sinito, A.M. Magnetic parameter analysis of a climosequence of soils in the southern pampean region, argentina. (2011) Geofisica Internacional, 50 (1), pp. 9-22.
8. Lu, S.-G., Xue, Q.-F., Zhu, L., Yu, J.-Y. Mineral magnetic properties of a weathering sequence of soils derived from basalt in Eastern China. (2008) Catena, 73 (1), pp. 23-33.
9. Rivas, J., Ortega, B., Sedov, S., Solleiro, E., Sychera, S. Rock magnetism and pedogenetic processes in Luvisol profiles: Examples from Central Russia and Central Mexico. (2006) Quaternary International, 156-157 (SPEC. ISS.), pp. 212-223.
10. Vasquez, C.A., Nami, H.G. Rock magnetic study of fluvial Holocene soil from Buenos Aires province (Argentina). (2006) Earth, Planets and Space, 58 (10), pp. 1381-1387.
11. Jeleńska, M., Hasso-Agopsowicz, A., Kopcewicz, B., Sukhorada, A., Tyamina, K., Kądziałko-Hofmokl, M., Matviishina, Z. Magnetic properties of the profiles of polluted and non-polluted soils. A case study from Ukraine. (2004) Geophysical Journal International, 159 (1), pp. 104-116.
12. Matasova, G.G., Kazansky, A.Yu., Zykina, V.S. Superposition of "Alaskan" and "Chinese" models of paleoclimate records in magnetic properties of upper and middle neopleistocene deposits in southern West Siberia. (2003) Geologiya i Geofizika, 44 (7), pp. 638-651.
13. Lecoanet, H., Lévêque, F., Ambrosi, J.-P. Magnetic properties of salt-marsh soils contaminated by iron industry emissions (Southeast France). (2001) Journal of Applied Geophysics, 48 (2), pp. 67-81.
14. Panaiotu, C.G., Panaiotu, E.C., Grama, A., Necula, C. Paleoclimatic record from a loess-paleosol profile in Southeastern Romania. (2001) Physics and Chemistry of the Earth, Part A: Solid Earth and Geodesy, 26 (11-12), pp. 893-898.
15. Hanesch, M., Petersen, N. Magnetic properties of a recent parabrown-earth from Southern Germany. (1999) Earth and Planetary Science Letters, 169 (1-2), pp. 85-97.

6. *Jordanova,N.*, Petrovsky,E., Kovacheva,M. 1997. Preliminary rock magnetic study of archaeo magnetic samples from Bulgarian sites of BC time. J. Geomagn. Geoelectr. 49, 543-566.

Цитира се в:

1. Kondopoulou, D., Gómez-Paccard, M., Aidona, E., Rathossi, C., Carvallo, C., Tema, E., Efthimiadis, K.G., Polymeris, G.S. Investigating the archaeointensity determination success of prehistoric ceramics through a multidisciplinary approach: New and re-evaluated data from Greek collections. (2017) Geophysical Journal International, 210 (3), pp. 1450-1471.
2. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
3. Gómez-Paccard, M., McIntosh, G., Chauvin, A., Beamud, E., Pavón-Carrasco, F.J., Thiriot, J. Archaeomagnetic and rock magnetic study of six kilns from North Africa (Tunisia and Morocco). (2012) Geophysical Journal International, 189 (1), pp. 169-186.
4. Spatharas, V., Kondopoulou, D., Aidona, E., Efthimiadis, K.G. New magnetic mineralogy and archaeointensity results from Greek kilns and baked clays. (2011) Studia Geophysica et Geodaetica, 55 (1), pp. 131-157.
5. Donadini, F., Korte, M., Constable, C. Millennial variations of the geomagnetic field: From data recovery to field reconstruction. (2010) Space Science Reviews, 155 (1-4), pp. 219-246.
6. Carrancho, Á., Villalaín, J.J., Angelucci, D.E., Dekkers, M.J., Vallverdú, J., Vergès, J.M. Rock-magnetic analyses as a tool to investigate archaeological fired sediments: A case study of mirador cave (Sierra de Atapuerca, Spain). (2009) Geophysical Journal International, 179 (1), pp. 79-96.
7. Lengyel, S., Sternberg, R. Historic archaeomagnetic results from the eastern U.S., and comparison with secular variation models. (2004) Geophysical Monograph Series, 145, pp. 267-277.
8. Gallet, Y., Genevey, A., Le Goff, M. Three millennia of directional variation of the Earth's magnetic field in western Europe as revealed by archeological artefacts. (2002) Physics of the Earth and Planetary Interiors, 131 (1), pp. 81-89.
9. Hedley, I.G. New directions in archaeomagnetism. (2001) Journal of Radioanalytical and Nuclear Chemistry, 247 (3), pp. 663-672.

7. Kapicka, A., Petrovsky, E., *Jordanova, N.* 1997. Comparison of in situ field measurements of soil magnetic susceptibility with laboratory data. Studia Geoph. Geod., 41,391-395. *IF=0.9*

Цитира се в:

1. Zumr, D., Li, T., Gómez, J.A., Guzmán, G. 2023 Modeling the response of a field probe for nondestructive measurements of the magnetic susceptibility of soils. Soil Science Society of America Journal, 87(6), pp. 1263-1274
2. Da Silva Costa, H., Licht, O.A.B., Ferreira, F.J.F., Vasconcellos, E.M.G., Da Costa, A.C.S. 2022 Validation of the use of portable equipment for magnetic characterization of soils, State of Paraná, Brazil. Brazilian Journal of Geology, 52(4),e20220011
3. Yang, Y., Lee, E.B., Kim, J.E., Song, H.J., Choi, Y.-K., Kim, K.J., Kumaran, R.S., Lee, S.H., Yang, Y.-H., Kim, H.J. Monitoring Plant Moisture Content Using an Induction Coil Sensor. (2019) Bulletin of the Korean Chemical Society, 40 (11), pp. 1138-1141.
4. Fabijańczyk, P., Zawadzki, J. Using geostatistical gaussian simulation for designing and interpreting soil surface magnetic susceptibility measurements. (2019) International Journal of Environmental Research and Public Health, 16 (18), art. no. 3497, .
5. Pan, H., Lu, X., Lei, K., Shi, D., Ren, C., Yang, L., Wang, L. Using magnetic susceptibility to evaluate pollution status of the sediment for a typical reservoir in northwestern China. (2019) Environmental Science and Pollution Research, 26 (3), pp. 3019-3032.
6. Golden, N., Zhang, C., Potito, A.P., Gibson, P.J., Bargary, N., Morrison, L. Impact of grass cover on the magnetic susceptibility measurements for assessing metal contamination in urban topsoil. (2017) Environmental Research, 155, pp. 294-306.
7. Łukasik, A., Szuszkiewicz, M., Magiera, T. Impact of artifacts on topsoil magnetic susceptibility enhancement in urban parks of the Upper Silesian conurbation datasets. (2015) Journal of Soils and Sediments, 15 (8), pp. 1836-1846.

8. Dankoub, Z., Khademi, H., Ayoubi, Sh. Magnetic susceptibility and its relationship with the concentration of selected heavy metals and soil properties in surface soils of the isfahan region. (2012) Journal of Environmental Studies, 38 (63), pp. 17-26.
9. Zawadzki, J., Magiera, T., Fabijańczyk, P., Kusza, G. Geostatistical 3-dimensional integration of measurements of soil magnetic susceptibility. (2012) Environmental Monitoring and Assessment, 184 (5), pp. 3267-3278.
10. Canbay, M. Investigation of the relation between heavy metal contamination of soil and its magnetic susceptibility. (2010) International Journal of Physical Sciences, 5 (5), pp. 393-400.
11. Lecoanet, H., Lévêque, F., Segura, S. Magnetic susceptibility in environmental applications: Comparison of field probes. (1999) Physics of the Earth and Planetary Interiors, 115 (3-4), pp. 191-204.

8. Jordanova, N., Kovacheva, M., 1998. Dating the fire in Kamenska Chuka by the archaeomagnetic method. In: "In the steps of James Harvey Gaul" Vol. 1, eds. M. Stefanovich, H. Todorova, H. Hauptmann. The James Harvey Gaul Foundation, Sofia, 1998. ISBN 954-491-026-3; 339-347.

9. Kovacheva, M., *Jordanova,N.*, Karloukovski, V. 1998. Geomagnetic field variations as determined from Bulgarian archaeomagnetic data. Surveys in Geophysics, 19, 431-460. *IF=4.6*

Цитира се в:

1. Makaroglu, Ö., Nowaczyk, N.R., Eriş, K.K., Namık Çagatay, M. High-resolution palaeomagnetic record from Sea of Marmara sediments for the last 70 ka. (2021) Geophysical Journal International, 222 (3), pp. 2024-2039.
2. Grabowski, J., Bakhmutov, V., Kdýr, Š., Krobicki, M., Pruner, P., Reháková, D., Schnabl, P., Stoykova, K., Wierzbowski, H. Integrated stratigraphy and palaeoenvironmental interpretation of the Upper Kimmeridgian to Lower Berriasian pelagic sequences of the Velykyi Kamianets section (Pieniny Klippen Belt, Ukraine). (2019) Palaeogeography, Palaeoclimatology, Palaeoecology, 532, art. no. 109216, .
3. Van De Velde, S., Jorissen, E.L., Neubauer, T.A., Radan, S., Pavel, A.B., Stoica, M., Van Baak, C.G.C., Gándara, A.M., Popa, L., De Stigter, H., Abels, H.A., Krijgsman, W., Wesselingh, F.P. A conservation palaeobiological approach to assess faunal response of threatened biota under natural and anthropogenic environmental change. (2019) Biogeosciences, 16 (12), pp. 2423-2442.
4. Calvo-Rathert, M., Contreras, J.M., Carrancho, Á., Camps, P., Goguitchaichvili, A., Hill, M.J. Reproducibility of archaeointensity determinations with a multimethod approach on archaeological material reproductions. (2019) Geophysical Journal International, 218 (3), pp. 1719-1738.
5. Korte, M., Brown, M.C., Gunnarson, S.R., Nilsson, A., Panovska, S., Wardinski, I., Constable, C.G. Refining Holocene geochronologies using palaeomagnetic records. (2019) Quaternary Geochronology, 50, pp. 47-74.
6. Risica, G., Speranza, F., Giordano, G., De Astis, G., Lucchi, F. Palaeomagnetic dating of the Neostromboli succession. (2019) Journal of Volcanology and Geothermal Research, 371, pp. 229-244.
7. Mohamed Asanulla, R., Radhakrishna, T., Venkatachalapathy, R., Manoharan, C., Soumya, G.S., Sutharsan, P. Rock magnetism and geomagnetic field strength of the rare Iron Age (300–500 BC) artifacts from Tamilnadu: The first Virtual Axial Dipole Moment determination from India. (2017) GeoResJ, 14, pp. 135-144.
8. Lengyel, S. Archaeomagnetic dating. (2017) Encyclopedia of Earth Sciences Series, pp. 39-46.
9. Pavón-Carrasco, F.J., Osete, M.L., Campuzano, S.A., McIntosh, G., Martín-Hernández, F. Recent developments in archeomagnetism: The story of the earth's past magnetic field. (2015) New Developments in Paleomagnetism Research, pp. 99-158.
10. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
11. Kondopoulou, D., Aidona, E., Ioannidis, N., Polymeris, G.S., Tsolakis, S. Archaeomagnetic study and thermoluminescence dating of Protobyzantine kilns (Megali Kypsa, North Greece). (2015) Journal of Archaeological Science: Reports, 2, pp. 156-168.
12. Downey, W.S. The cretan middle bronze age 'Minoan Kernos' was designed to predict a total solar eclipse and to facilitate a magnetic compass. (2015) Mediterranean Archaeology and Archaeometry, 15 (1), pp. 95-107.

13. Constable, C., Korte, M. Centennial- to Millennial-Scale Geomagnetic Field Variations. (2015) Treatise on Geophysics: Second Edition, 5, pp. 309-341.
14. Kondopoulou, D., Zananiri, I., Rathossi, C., De Marco, E., Spatharas, V., Hasaki, E. An archaeometric and archaeological approach to Hellenistic–Early Roman ceramic workshops in Greece: Contribution to dating. (2014) Radiocarbon, 56 (4), pp. S27-S38.
15. Downey, W.S., Liritzis, I. Archaeomagnetic intensity of ceramic sherds from two Rhodian Byzantine churches: A preliminary initiative. (2013) Mediterranean Archaeology and Archaeometry, 13 (2), pp. 221-229.
16. Tema, E., Fantino, F., Ferrara, E., Lo Giudice, A., Morales, J., Goguitchaichvili, A., Camps, P., Barello, F., Gulmini, M. Combined archaeomagnetic and thermoluminescence study of a brick kiln excavated at Fontanetto Po (Vercelli, Northern Italy). (2013) Journal of Archaeological Science, 40 (4), pp. 2025-2035.
17. Venkatachalapathy, R., Asanulla, R.M., Manoharan, C., Radhakrishna, T. Rock magnetic and geomagnetic field intensity studies on Megalithic archaeological pottery samples from Tamilnadu, India. (2013) Quaternary International, 298, pp. 57-67.
18. Carrancho, Á., Villalaín, J.J., Straus, L.G. Preliminary archaeomagnetic and rock-magnetic results from the holocene fire lenses in el mirón cave. (2012) El Mirón Cave, Cantabrian Spain: The Site and its Holocene Archaeological Record, pp. 103-118.
19. Ertepinar, P., Langereis, C.G., Biggin, A.J., Frangipane, M., Matney, T., Ökse, T., Engin, A. Archaeomagnetic study of five mounds from Upper Mesopotamia between 2500 and 700 BCE: Further evidence for an extremely strong geomagnetic field ca. 3000 years ago. (2012) Earth and Planetary Science Letters, 357-358, pp. 84-98.
20. Aidona, E., Kondopoulou, D. First archaeomagnetic results and dating of Neolithic structures in northern Greece. (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 827-844.
21. Calvo-Rathert, M., Carrancho, Á., Stark, F., Villalaín, J.J., Hill, M. Are burnt sediments reliable recorders of geomagnetic field strength? (2012) Quaternary Research, 77 (2), pp. 326-330.
22. Catanzariti, G., Gómez-Paccard, M., Mcintosh, G., Pavón-Carrasco, F.J., Chauvin, A., Osete, M.L. New archaeomagnetic data recovered from the study of Roman and Visigothic remains from central Spain (3rd-7th centuries). (2012) Geophysical Journal International, 188 (3), pp. 979-993.
23. Tema, E., Kondopoulou, D. Secular variation of the Earth's magnetic field in the Balkan region during the last eight millennia based on archaeomagnetic data. (2011) Geophysical Journal International, 186 (2), pp. 603-614.
24. Downey, W.S. Orientations of minoan buildings on crete may indicate the first recorded use of the magnetic compass. (2011) Mediterranean Archaeology and Archaeometry, 11 (1), pp. 9-20.
25. Malfatti, J., Principe, C., Gattiglia, G. Archaeomagnetic investigation of a metallurgical furnace in Pisa (Italy). (2011) Journal of Cultural Heritage, 12 (1), pp. 1-10.
26. Lengyel, S.N., Eighmy, J.L., Van Buren, M. Archaeomagnetic research in the Andean highlands. (2011) Journal of Archaeological Science, 38 (1), pp. 147-155.
27. Downey, W.S. Palaeomagnetic results from minoan ashdeposits in(rv vema) cores V10-50 and V10-58, South Aegean sea. (2011) Mediterranean Archaeology and Archaeometry, 11 (2), pp. 151-168.
28. Velraj, G., Mohamed Musthafa, A., Janaki, K., Deenadayalan, K., Basavaiah, N. Estimation of firing temperature and ancient geomagnetic field intensity of archaeological potteries recently excavated from Tamilnadu, India. (2010) Applied Clay Science, 50 (1), pp. 148-153.
29. Speranza, F., Landi, P., D'Ajello Caracciolo, F., Pignatelli, A. Paleomagnetic dating of the most recent silicic eruptive activity at Pantelleria (Strait of Sicily). (2010) Bulletin of Volcanology, 72 (7), pp. 847-858.
30. Tema, E., Goguitchaichvili, A., Camps, P. Archaeointensity determinations from Italy: New data and the Earth's magnetic field strength variation over the past three millennia. (2010) Geophysical Journal International, 180 (2), pp. 596-608.
31. Vezzoli, L., Principe, C., Malfatti, J., Arrighi, S., Tanguy, J.-C., Le Goff, M. Modes and times of caldera resurgence: The < 10 ka evolution of Ischia Caldera, Italy, from high-precision archaeomagnetic dating. (2009) Journal of Volcanology and Geothermal Research, 186 (3-4), pp. 305-319.
32. Lodge, A., Holme, R. Towards a new approach to archaeomagnetic dating in Europe using geomagnetic field modeling. (2009) Archaeometry, 51 (2), pp. 309-322.
33. Manoharan, C., Veeramuthu, K., Venkatachalapathy, R., Radhakrishna, T., Ilango, R. Spectroscopic and ancient geomagnetic field intensity studies on archaeological pottery samples, India. (2008) Lithuanian Journal of Physics, 48 (2), pp. 195-202.
34. Gómez-Paccard, M., Chauvin, A., Lanos, P., Thiriot, J. New archeointensity data from Spain and the geomagnetic dipole moment in western Europe over the past 2000 years. (2008) Journal of Geophysical Research: Solid Earth, 113 (9), art. no. B09103, .

35. Speranza, F., Pompilio, M., Caracciolo, F.D., Sagnotti, L. Holocene eruptive history of the Stromboli volcano: Constraints from paleomagnetic dating. (2008) Journal of Geophysical Research: Solid Earth, 113 (9), art. no. B09101, .
36. Pavón-Carrasco, F.J., Osete, M.L., Torta, J.M., Gaya-Piqué, L.R. A regional archaeomagnetic model for the palaeointensity in Europe for the last 2000 years and its implications for climatic change. (2008) Pure and Applied Geophysics, 165 (6), pp. 1209-1225.
37. Ben-Yosef, E., Ron, H., Tauxe, L., Agnon, A., Genevey, A., Levy, T.E., Avner, U., Najjar, M. Application of copper slag in geomagnetic archaeointensity research. (2008) Journal of Geophysical Research: Solid Earth, 113 (8), art. no. B08101, .
38. Manoharan, C., Veeramuthu, K., Venkatachalapathy, R., Ilango, R. Studies on rock magnetic and paleointensity of some archaeological artifacts from Tamilnadu, India. (2008) Journal of Zhejiang University: Science A, 9 (7), pp. 988-993.
39. Spassov, S., Hus, J., Geeraerts, R., Heller, F. Archaeomagnetic dating of a High Middle Age likely iron working site in Corroy-le-Grand (Belgium). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 544-556.
40. De Marco, E., Spatharas, V., Gómez-Paccard, M., Chauvin, A., Kondopoulou, D. New archaeointensity results from archaeological sites and variation of the geomagnetic field intensity for the last 7 millennia in Greece. (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 578-595.
41. De Marco, E., Spassov, S., Kondopoulou, D., Zananiri, I., Gerofoka, E. Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 481-495.
42. Pavón-Carrasco, Fco.J., Osete, M.L., Torta, J.M., Gaya-Piqué, L.R., Lanos, Ph. Initial SCHA.DI.00 regional archaeomagnetic model for Europe for the last 2000 years. (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 596-608.
43. Tema, E., Lanza, R. Archaeomagnetic study of a lime kiln at Bazzano (northern Italy). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 534-543.
44. Gómez-Paccard, M., Beamud, E. Recent achievements in archaeomagnetic dating in the Iberian Peninsula: application to Roman and Mediaeval Spanish structures. (2008) Journal of Archaeological Science, 35 (5), pp. 1389-1398.
45. Sagnotti, L. The contribute of paleomagnetism to the stratigraphy of the middle- late Pleistocene (Brunhes Chron) [Contributi del paleomagnetismo alla stratigrafia del Pleistocene medio-superiore (Brunhes Chron)]. (2008) Alpine and Mediterranean Quaternary, 21 (1), pp. 69-74.
46. Frank, U., Nowaczyk, N.R., Negendank, J.F.W. Palaeomagnetism of greigite bearing sediments from the Dead Sea, Israel. (2007) Geophysical Journal International, 168 (3), pp. 904-920.
47. Speranza, F., Branca, S., Coltelli, M., Caracciolo, F.D., Vigliotti, L. How accurate is "paleomagnetic dating"? New evidence from historical lavas from Mount Etna. (2006) Journal of Geophysical Research: Solid Earth, 111 (12), art. no. B12S33, .
48. Gómez-Paccard, M., Chauvin, A., Lanos, P., McIntosh, G., Osete, M.L., Catanzariti, G., Ruiz-Martínez, V.C., Núñez, J.I. First archaeomagnetic secular variation curve for the Iberian Peninsula: Comparison with other data from western Europe and with global geomagnetic field models. (2006) Geochemistry, Geophysics, Geosystems, 7 (12), art. no. Q12001, .
49. Tema, E., Hedley, I., Lanos, P. Archaeomagnetism in Italy: A compilation of data including new results and a preliminary Italian secular variation curve. (2006) Geophysical Journal International, 167 (3), pp. 1160-1171.
50. Evans, M.E. Archaeomagnetic investigations in Greece and their bearing on geomagnetic secular variation. (2006) Physics of the Earth and Planetary Interiors, 159 (1-2), pp. 90-95.
51. Spassov, S., Hus, J. Estimating baking temperatures in a Roman pottery kiln by rock magnetic properties: Implications of thermochemical alteration on archaeointensity determinations. (2006) Geophysical Journal International, 167 (2), pp. 592-604.
52. McIntosh, G., Catanzariti, G. An introduction to archaeomagnetic dating. (2006) Geochronometria, 25, pp. 11-18.
53. Gómez-Paccard, M., Chauvin, A., Lanos, Ph., Thiriot, J., Jiménez-Castillo, P. Archeomagnetic study of seven contemporaneous kilns from Murcia (Spain). (2006) Physics of the Earth and Planetary Interiors, 157 (1-2), pp. 16-32.
54. Aidona, E., Scholger, R., Mauritsch, H.J., Schnepp, E., Klemm, S. Spatial distribution of archaeomagnetic vectors within archaeological samples from Eisenerz (Austria). (2006) Geophysical Journal International, 166 (1), pp. 46-58.
55. Speranza, F., Maritan, L., Mazzoli, C., Morandi Bonacossi, D., D'Ajello Caracciolo, F. First directional archaeomagnetic results from Syria: Evidence from Tell Mishrifeh/Qatna. (2006) Geophysical Journal International, 165 (1), pp. 47-52.

56. Schnepp, E., Lanos, P. Archaeomagnetic secular variation in Germany during the past 2500 years. (2005) Geophysical Journal International, 163 (2), pp. 479-490.
57. Evans, M.E., Hoye, G.S. Archaeomagnetic results from southern Italy and their bearing on geomagnetic secular variation. (2005) Physics of the Earth and Planetary Interiors, 151 (1-2), pp. 155-162.
58. Hus, J., Geeraerts, R. Origin of deviations between the remanent magnetisation and inducing geomagnetic field direction in kilns and implications on archaeomagnetic dating. (2005) Studia Geophysica et Geodaetica, 49 (2), pp. 233-253.
59. Hus, J., Geeraerts, R., Plumier, J. On the suitability of refractory bricks from a mediaeval brass melting and working site near Dinant (Belgium) as geomagnetic field recorders. (2004) Physics of the Earth and Planetary Interiors, 147 (2-3 SPEC.ISS.), pp. 103-116.
60. Lengyel, S., Sternberg, R. Historic archaeomagnetic results from the eastern U.S., and comparison with secular variation models. (2004) Geophysical Monograph Series, 145, pp. 267-277.
61. Genevey, A., Gallet, Y., Margueron, J.-C. Eight thousand years of geomagnetic field intensity variations in the eastern Mediterranean. (2003) Journal of Geophysical Research: Solid Earth, 108 (5), pp. EPM 1-1 - 1-18.
62. Hus, J., Ech-Chakrouni, S., Jordanova, D., Geeraerts, R. Archaeomagnetic investigation of two mediaeval brick constructions in North Belgium and the magnetic anisotropy of bricks. (2003) Geoarchaeology, 18 (2), pp. 225-253.
63. Böhnel, H., Molina-Garza, R. Secular variation in Mexico during the last 40,000 years. (2002) Physics of the Earth and Planetary Interiors, 133 (1-4), pp. 99-109.

10. Jordanova, D. and *Jordanova, N.* 1999. Magnetic characteristics of different soil types from Bulgaria. Studia Geoph. et geod., 43, 303-318. *IF=0.9*

Цитира се в:

1. Ameen, N. 2024 Monitoring of Soil Pollution in Agricultural Lands Using Magnetic Susceptibility and Mineralogy Analyses, North Al-Muthanna Province, Iraq.Iraqi Geological Journal 57(1), pp. 88-99
2. Von Suchodoletz, H., Kirkitadze, G., Koff, T., (...), Losaberidze, L., Elashvili, M. 2022 Human-environmental interactions and seismic activity in a Late Bronze to Early Iron Age settlement center in the southeastern Caucasus. Frontiers in Earth Science, 10, 964188
3. Frankl, A.L., Maxbauer, D.P., Savina, M.E. 2022. Linkages between soil organic matter and magnetic mineral formation in agricultural fields in southeastern Minnesota, USA. Geoderma 406,115466
4. Huang, C., Li, M., Liu, Z., Wei, G., Chen, F., Kong, D., Huang, X., Ye, F. A high-resolution sediment record of East Asian summer monsoon from the northern South China Sea spanning the past 7500 years. (2020) Holocene, 30 (12), pp. 1669-1680.
5. Bradák, B., Seto, Y., Chadima, M., Kovács, J., Tanos, P., Újvári, G., Hyodo, M. Magnetic fabric of loess and its significance in Pleistocene environment reconstructions. (2020) Earth-Science Reviews, 210, art. no. 103385, .
6. Xu, X., Qiang, X., Zhao, H., Fu, C. Magnetic mineral dissolution recorded in a lacustrine sequence from the Heqing Basin, SW China, and its relationship with changes in the Indian monsoon. (2020) Journal of Asian Earth Sciences, 188, art. no. 104081, .
7. Zhang, F., Jin, Z., Joshua West, A., An, Z., Hilton, R.G., Wang, J., Li, G., Densmore, A.L., Yu, J., Qiang, X., Sun, Y., Li, L., Gou, L., Xu, Y., Xu, X., Liu, X., Pan, Y., You, C.-F. Monsoonal control on a delayed response of sedimentation to the 2008 Wenchuan earthquake. (2019) Science Advances, 5 (6), art. no. eaav7110, .
8. von Suchodoletz, H., Tinapp, C., Lauer, T., Glaser, B., Stäuble, H., Kühn, P., Zielhofer, C. Distribution of Chernozems and Phaeozems in Central Germany during the Neolithic period. (2019) Quaternary International, 511, pp. 166-184.
9. Anev, S., Tzvetkova, N. Gas-exchange response of Norway maple (Acer platanoides L.) and silver lime (Tilia tomentosa moench) saplings to forest thinning. (2018) Forestry Ideas, 24 (5), pp. 201-207.
10. Jeleńska, M., Górka-Kostrubiec, B., Dytłow, S.K. Magnetic Vertical Structure of Soil as a Result of Transformation of Iron Oxides During pedogenesis. The case study of soil profiles from Slovakia and Ukraine. (2018) GeoPlanet: Earth and Planetary Sciences, (9783319602127), pp. 103-125.
11. Pan, D., Chen, T., Zhan, Q., Wang, Z. Mineral magnetic properties of Holocene sediments in the subaqueous Yangtze delta and the implications for human activity and early diagenesis. (2017) Quaternary International, 459, pp. 133-143.
12. Nykamp, M., Hoelzmann, P., Heeb, B.S., Szentmiklosi, A., Schütt, B. Holocene sediment dynamics in the environs of the fortification enclosure of Corneşti-Iarcuri in the Romanian Banat. (2016) Quaternary International, 415, pp. 190-203.

13. Grison, H., Petrovsky, E., Kapicka, A., Stejskalova, S. Magnetic and chemical parameters of andic soils and their relation to selected pedogenesis factors. (2016) Catena, 139, pp. 179-190.
14. Maxbauer, D.P., Feinberg, J.M., Fox, D.L. Magnetic mineral assemblages in soils and paleosols as the basis for paleoprecipitation proxies: A review of magnetic methods and challenges. (2016) Earth-Science Reviews, 155, pp. 28-48.
15. Górka-Kostrubiec, B., Teisseyre-Jeleńska, M., Dytłow, S.K. Magnetic properties as indicators of Chernozem soil development. (2016) Catena, 138, pp. 91-102.
16. Yang, P.G., Yang, M., Mao, R.Z., Byrne, J.M. Impact of long-term irrigation with treated sewage on soil magnetic susceptibility and organic matter content in North China. (2015) Bulletin of Environmental Contamination and Toxicology, 95 (1), pp. 102-107.
17. Chen, T., Wang, Z., Wu, X., Gao, X., Li, L., Zhan, Q. Magnetic properties of tidal flat sediments on the Yangtze coast, China: Early diagenetic alteration and implications. (2015) Holocene, 25 (5), pp. 832-843.
18. Lauer, T., Von Suchodoletz, H., Vollmann, H., Meszner, S., Frechen, M., Tinapp, C., Goldmann, L., Müller, S., Zielhofer, C. Landscape aridification in central Germany during the late weichselian pleniglacial-results from the zauschwitz loess site in western Saxony. (2014) Zeitschrift fur Geomorphologie, 58, pp. 27-50.
19. Ananthapadmanabha, A.L., Shankar, R., Sandeep, K. Rock magnetic characterisation of tropical soils from Southern India: Implications to pedogenesis and soil erosion. (2014) International Journal of Environmental Research, 8 (3), pp. 659-670.
20. Chen, T., Wang, Z.-H., Qiang, X.-K., Ma, C.-Y., Zhan, Q. Magnetic properties of minerals recorded by the borehole WJ and Late Quaternary transgressions in the Taihu plain, southern Yangtze Delta. (2013) Acta Geophysica Sinica, 56 (8), pp. 2748-2759.
21. El Baghdadi, M., Barakat, A., Sajieddine, M., Nadem, S. Heavy metal pollution and soil magnetic susceptibility in urban soil of Beni Mellal City (Morocco). (2012) Environmental Earth Sciences, 66 (1), pp. 141-155.
22. Kapička, A., Kodešová, R., Petrovský, E., Hůlka, Z., Grison, H., Kaška, M. Experimental study of fly-ash migration by using magnetic method. (2011) Studia Geophysica et Geodaetica, 55 (4), pp. 683-696.
23. Magiera, T., Jankowski, M., Switoniak, M., Rachwal, M. Study of forest soils on an area of magnetic and geochemical anomaly in north-eastern Poland. (2011) Geoderma, 160 (3-4), pp. 559-568.
24. Bartel, A.A., Bidegain, J.C., Sinito, A.M. Magnetic parameter analysis of a climosequence of soils in the southern pampean region, argentina. (2011) Geofisica Internacional, 50 (1), pp. 9-22.
25. Orgeira, M.J., Vásquez, C.A., Compagnucci, R.H., Raposo, I., Pereyra, F.X. Rock magnetism in soils of the Pampean plain, Buenos Aires province, Argentina. Linking climate and magnetic behaviour [Magnetismo de rocas en suelos actuales de la Pampa Ondulada, provincia de Buenos Aires, Argentina. Vinculación del clima con el comportamiento magnético]. (2009) Revista Mexicana de Ciencias Geologicas, 26 (1), pp. 65-78.
26. Vasquez, C.A., Orgeira, M.J., Sinito, A.M. Origin of superparamagnetic particles in Argiudolls developed on loess, Buenos Aires (Argentina). (2009) Environmental Geology, 56 (8), pp. 1653-1661.
27. Hannam, J.A., Dearing, J.A. Mapping soil magnetic properties in Bosnia and Herzegovina for landmine clearance operations. (2008) Earth and Planetary Science Letters, 274 (3-4), pp. 285-294.
28. Orgeira, M.J., Pereyra, F.X., Vásquez, C., Castañeda, E., Compagnucci, R. Rock magnetism in modern soils, Buenos Aires Province, Argentina. (2008) Journal of South American Earth Sciences, 26 (2), pp. 217-224.
29. Jeleńska, M., Hasso-Agopsowicz, A., Kadziałko-Hofmokl, M., Sukhorada, A., Bondar, K., Matviishina, Z.H. Magnetic iron oxides occurring in chernozem soil from Ukraine and Poland as indicators of pedogenic processes. (2008) Studia Geophysica et Geodaetica, 52 (2), pp. 255-270.
30. Eckmeier, E., Gerlach, R., Gehrt, E., Schmidt, M.W.I. Pedogenesis of Chernozems in Central Europe - A review. (2007) Geoderma, 139 (3-4), pp. 288-299.
31. Gladysheva, M.A., Ivanov, A.V., Stroganova, M.N. Detection of technogenically contaminated soil areas based on their magnetic susceptibility. (2007) Eurasian Soil Science, 40 (2), pp. 215-222.
32. Booth, C.A., Fullen, M.A., Smith, J.P., Hallett, M.D., Walden, J., Harris, J., Holland, K. Factor analysis of particle size specific mineral magnetic measurements on agricultural topsoils from the Isle of Man. (2006) Communications in Soil Science and Plant Analysis, 37 (1-2), pp. 249-273.
33. Vasquez, C.A., Nami, H.G. Rock magnetic study of fluvial Holocene soil from Buenos Aires province (Argentina). (2006) Earth, Planets and Space, 58 (10), pp. 1381-1387.
34. Hanesch, M., Scholger, R. The influence of soil type on the magnetic susceptibility measured throughout soil profiles. (2005) Geophysical Journal International, 161 (1), pp. 50-56.
35. Matasova, G.G., Kazansky, A.Yu. Magnetic properties and magnetic fabrics of Pleistocene loess/palaeosol deposits along west-central Siberian transect and their palaeoclimatic implications. (2004) Geological Society Special Publication, 238, pp. 145-173.

36. Hu, S., Wang, Y., Appel, E., Zhu, Y., Hoffmann, V., Shi, C., Yu, Y. Magnetic responses to acidification in Lake Yangzonghai, SW China. (2003) Physics and Chemistry of the Earth, 28 (16-19), pp. 711-717.
37. Lecoanet, H., Lévêque, F., Ambrosi, J.-P. Magnetic properties of salt-marsh soils contaminated by iron industry emissions (Southeast France). (2001) Journal of Applied Geophysics, 48 (2), pp. 67-81.
38. Fontes, M.P.F., De Oliveira, T.S., Da Costa, L.M., Campos, A.A.G. Magnetic separation and evaluation of magnetization of Brazilian soils from different parent materials. (2000) Geoderma, 96 (1-2), pp. 81-99.

11. Kapicka, A., *Jordanova, N.*, Petrovsky, E., Ustjak, S., 2000. Magnetic stability of power-plant fly ashes in different soil solutions. Phys. Chem. Earth (A), 25, 431-436. *IF=1.197*

Цитира се в:

1. Jaworek, A., Sobczyk, A.T., Czech, T., Marchewicz, A., Krupa, A. Recovery of cenospheres from solid waste produced by coal-fired power plants. (2023) Cleaner Waste Systems 6,100109. 2
2. Menshov, O., Vyzhva, S., Horoshkova, L., (...), Pastushenko, T., Eiben, H.. Distribution of soil magnetic susceptibility as a pollution indicator in the urban and tourist city of Lviv, Ukraine. (2023) Environmental Earth Sciences 82(21),486
3. Botsou, F., Moutafis, I., Dalaina, S., Kelepertzis, E. Settled bus dust as a proxy of traffic-related emissions and health implications of exposures to potentially harmful elements. (2020) Atmospheric Pollution Research, 11 (10), pp. 1776-1784.
4. Ayoubi, S., Samadi, M.J., Khademi, H., Shirvani, M., Gyasi-Agyei, Y. Using magnetic susceptibility for predicting hydrocarbon pollution levels in a petroleum refinery compound in Isfahan Province, Iran. (2020) Journal of Applied Geophysics, 172, art. no. 103906, .
5. Smieja-Król, B., Fiałkiewicz-Kozieł, B., Michalska, A., Krzykawski, T., Smołka-Danielowska, D. Deposition of mullite in peatlands of southern Poland: Implications for recording large-scale industrial processes. (2019) Environmental Pollution, 250, pp. 717-727.
6. Phoak, S., Luo, Y.-S., Li, S.-N., Yin, Q. Influence of submergence on stabilization of loess in Shaanxi Province by adding fly ash. (2018) Applied Sciences (Switzerland), 9 (1), art. no. 68, .
7. Szuszkiewicz, M.M., Łukasik, A., Magiera, T., Szuszkiewicz, M. Technogenic magnetic particles of topsoil from different sources of emission - A case study from upper silesian conurbation, Poland. (2018) MATEC Web of Conferences, 247, art. no. 00051, .
8. Wang, L., Hu, S., Ma, M., Wang, X., Wang, Q., Zhang, Z., Shen, J. Responses of magnetic properties to heavy metal pollution recorded by lacustrine sediments from the Lugu Lake, Southwest China. (2018) Environmental Science and Pollution Research, 25 (26), pp. 26527-26538.
9. Cao, L.-W., Hu, S.-Y., Appel, E., Shi, S.-L., Yin, G. The spatio-temporal variation of magnetic properties of tree leaves in Linfen, China and its indication to the atmospheric pollution of heavy metals. (2016) Acta Geophysica Sinica, 59 (5), pp. 1729-1742.
10. Yurtseven-Sandker, A., Cioppa, M.T. Magnetic susceptibility mapping of the Sudbury area, Ontario, Canada: Evaluating pollution distributions decades later. (2016) Canadian Journal of Earth Sciences, 53 (5), pp. 466-484.
11. Yang, H., Xiong, H., Chen, X., Wang, Y., Zhang, F. Identifying the influence of urbanization on soil organic matter content and pH from soil magnetic characteristics. (2015) Journal of Arid Land, 7 (6), pp. 820-830.
12. Ma, M., Hu, S., Cao, L., Appel, E., Wang, L. Atmospheric pollution history at Linfen (China) uncovered by magnetic and chemical parameters of sediments from a water reservoir. (2015) Environmental Pollution, 204, pp. 161-172.
13. Ananthapadmanabha, A.L., Shankar, R., Sandeep, K. Rock magnetic properties of lateritic soil profiles from southern India: Evidence for pedogenic processes. (2014) Journal of Applied Geophysics, 111, pp. 203-210.
14. Warrier, A.K., Shankar, R., Manjunatha, B.R., Harshavardhana, B.G. Mineral magnetism of atmospheric dust over southwest coast of india: Impact of anthropogenic activities and implications to public health. (2014) Journal of Applied Geophysics, 102, pp. 1-9.
15. Wang, X.S. Mineralogical and chemical composition of magnetic fly ash fraction. (2014) Environmental Earth Sciences, 71 (4), pp. 1673-1681.
16. Yang, H., Xiong, H.-G., Chen, X.-G. Environmental magnetic properties and their spatial variability of topsoil in Shihezi city. (2014) Huanjing Kexue/Environmental Science, 35 (9), pp. 3537-3545.
17. Reyes, B.A., Mejía, V., Goguitchaichvili, A., Escobar, J., Bayona, G., Bautista, F., Morales, J.C., Ihl, T.J. Reconnaissance environmental magnetic study of urban soils, dust and leaves from Bogotá, Colombia. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 741-754.

18. El-Hasan, T., Lataifeh, M. Field and dual magnetic susceptibility proxies for heavy metal pollution assessment in the urban soil of Al-Karak City, South Jordan. (2013) Environmental Earth Sciences, 69 (7), pp. 2299-2310.
19. Famera, M., Babek, O., Matys Grygar, T., Novakova, T. Distribution of heavy-metal contamination in regulated river-channel deposits: A magnetic susceptibility and grain-size approach; River morava, Czech republic. (2013) Water, Air, and Soil Pollution, 224 (5), art. no. 1525, .
20. Cowan, E.A., Seramur, K.C., Hageman, S.J. Magnetic susceptibility measurements to detect coal fly ash from the Kingston Tennessee spill in Watts Bar Reservoir. (2013) Environmental Pollution, 174, pp. 179-188.
21. Reyes, B.A., Bautista, F., Goguitchaichvili, A., Contreras, J.J.M., Owen, P.Q., Carvallo, C., Battu, J. Rock-magnetic properties of topsoils and urban dust from Morelia (>800,000 inhabitants), Mexico: Implications for anthropogenic pollution monitoring in Mexico's medium size cities. (2013) Geofisica Internacional, 52 (2), pp. 121-133.
22. Gudadhe, S.S., Sangode, S.J., Patil, S.K., Chate, D.M., Meshram, D.C., Badekar, A.G. Pre- and post-monsoon variations in the magnetic susceptibilities of soils of Mumbai metropolitan region: Implications to surface redistribution of urban soils loaded with anthropogenic particulates. (2012) Environmental Earth Sciences, 67 (3), pp. 813-831.
23. Zhu, Z., Han, Z., Bi, X., Yang, W. The relationship between magnetic parameters and heavy metal contents of indoor dust in e-waste recycling impacted area, Southeast China. (2012) Science of the Total Environment, 433, pp. 302-308.
24. Lourenço, A.M., Rocha, F., Gomes, C.R. Relationships between magnetic parameters, chemical composition and clay minerals of topsoils near Coimbra, central Portugal. (2012) Natural Hazards and Earth System Science, 12 (8), pp. 2545-2555.
25. Zhang, C., Qiao, Q., Appel, E., Huang, B. Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. (2012) Journal of Geochemical Exploration, 119-120, pp. 60-75.
26. Rijal, M.L., Porsch, K., Appel, E., Kappler, A. Magnetic signature of hydrocarbon-contaminated soils and sediments at the former oil field Hänigsen, Germany. (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 889-908.
27. Zuna, M., Ettler, V., Šebek, O., Mihaljevič, M. Mercury accumulation in peatbogs at Czech sites with contrasting pollution histories. (2012) Science of the Total Environment, 424, pp. 322-330.
28. Li, F., Li, G., Ji, J. Increasing magnetic susceptibility of the suspended particles in Yangtze River and possible contribution of fly ash. (2011) Catena, 87 (1), pp. 141-146.
29. Meena, N.K., Maiti, S., Shrivastava, A. Discrimination between anthropogenic (pollution) and lithogenic magnetic fraction in urban soils (Delhi, India) using environmental magnetism. (2011) Journal of Applied Geophysics, 73 (2), pp. 121-129.
30. Huliselan, E.K., Bijaksana, S., Srigutomo, W., Kardena, E. Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate. (2010) Journal of Hazardous Materials, 179 (1-3), pp. 701-708.
31. Zhang, C., Liu, Q., Huang, B., Su, Y. Magnetic enhancement upon heating of environmentally polluted samples containing haematite and iron. (2010) Geophysical Journal International, 181 (3), pp. 1381-1394.
32. Sangode, S.J., Vhatkar, K., Patil, S.K., Meshram, D.C., Pawar, N.J., Gudadhe, S.S., Badekar Kumaravel, A.G. Magnetic susceptibility distribution in the soils of Pune metropolitan region: Implications to soil magnetometry of anthropogenic loading. (2010) Current Science, 98 (4), pp. 516-527.
33. Blundell, A., Hannam, J.A., Dearing, J.A., Boyle, J.F. Detecting atmospheric pollution in surface soils using magnetic measurements: A reappraisal using an England and Wales database. (2009) Environmental Pollution, 157 (10), pp. 2878-2890.
34. Blaha, U., Sapkota, B., Appel, E., Stanjek, H., Rösler, W. Micro-scale grain-size analysis and magnetic properties of coal-fired power plant fly ash and its relevance for environmental magnetic pollution studies. (2008) Atmospheric Environment, 42 (36), pp. 8359-8370.
35. Zhang, C., Huang, B., Piper, J.D.A., Luo, R. Biomonitoring of atmospheric particulate matter using magnetic properties of Salix matsudana tree ring cores. (2008) Science of the Total Environment, 393 (1), pp. 177-190.
36. Martins, C.C., Mahiques, M.M., Bícego, M.C., Fukumoto, M.M., Montone, R.C. Comparison between anthropogenic hydrocarbons and magnetic susceptibility in sediment cores from the Santos Estuary, Brazil (2007) Marine Pollution Bulletin, 54 (2), pp. 240-246.
37. D'Emilio, M., Chianese, D., Coppola, R., Macchiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: Development of experimental protocols for field surveys. (2007) Environmental Monitoring and Assessment, 125 (1-3), pp. 137-146.

38. Ďurža, O., Dlapa, P. Lead contents and magnetic susceptibility in alluvial soils of the Štiavnica brook. (2006) Contributions to Geophysics and Geodesy, 36 (SPEC. ISS), pp. 81-88.
39. Wang, X.-S., Qin, Y. Magnetic properties of urban topsoils and correlation with heavy metals: A case study from the city of Xuzhou, China. (2006) Environmental Geology, 49 (6), pp. 897-904.
40. Chianese, D., D'Emilio, M., Bavusi, M., Lapenna, V., Macchiato, M. Magnetic and ground probing radar measurements for soil pollution mapping in the industrial area of Val Basento (Basilicata Region, Southern Italy): A case study. (2006) Environmental Geology, 49 (3), pp. 389-404.
41. Shen, M.-J., Hu, S.-Y., Blaha, Y., Yan, H.-T., Rösler, W., Hoffmann, V. A magnetic study of a polluted soil profile at the Shijingshan industrial area, Western Beijing, China. (2006) Acta Geophysica Sinica, 49 (6), pp. 1665-1673.
42. Wang, X.S., Qin, Y. Correlation between magnetic susceptibility and heavy metals in urban topsoil: A case study from the city of Xuzhou, China. (2005) Environmental Geology, 49 (1), pp. 10-18.
43. Yan, H.-T., Hu, S.-Y., Appel, E., Hoffmann, V., Zhu, Y.-X. Magnetic responses to vertical migration of fly ash in a soil profile. (2005) Acta Geophysica Sinica, 48 (6), pp. 1392-1399.
44. Goddu, S.R., Appel, E., Jordanova, D., Wehland, F. Magnetic properties of road dust from Visakhapatnam (India) - Relationship to industrial pollution and road traffic. (2004) Physics and Chemistry of the Earth, 29 (13-14 SPEC. ISS.), pp. 985-995.
45. Ďurža, O. Influence of glass plant Bratislava emission on soil and soil magnetic susceptibility. (2003) Contributions to Geophysics and Geodesy, 33 (1), pp. 17-22.
46. Kletetschka, G., Žila, V., Wasilewski, P.J. Magnetic anomalies on the tree trunks. (2003) Studia Geophysica et Geodaetica, 47 (2), pp. 371-379.
47. Hu, S., Wang, Y., Appel, E., Zhu, Y., Hoffmann, V., Shi, C., Yu, Y. Magnetic responses to acidification in Lake Yangzonghai, SW China. (2003) Physics and Chemistry of the Earth, 28 (16-19), pp. 711-717.
48. Muxworthy, A.R., Schmidbauer, E., Petersen, N. Magnetic properties and Mössbauer spectra of urban atmospheric particulate matter: A case study from Munich, Germany. (2002) Geophysical Journal International, 150 (2), pp. 558-570.
49. Muxworthy, A.R., Matzka, J., Petersen, N. Comparison of magnetic parameters of urban atmospheric particulate matter with pollution and meteorological data. (2001) Atmospheric Environment, 35 (26), pp. 4379-4386.

12. **Petrovsky, E., Kapicka, A., *Jordanova, N.*, Knab, M., Hoffmann, V., 2000. Low-field magnetic susceptibility: a proxy method of estimating increased pollution of different environmental systems. Environmental Geology, 39 (3-4), 312-318. *IF=2.8***

Цитира се в:

1. Guda, A.M., El Kammar, A.M., Abu Salem, H.S., (...), Odah, H.H., Appel, E. Integrated geochemical and magnetic potentially toxic elements assessment: a statistical solution discriminating anthropogenic and lithogenic magnetic signals in a complex area of the southeast Nile Delta. (2024) Environmental Monitoring and Assessment 196(3),272.
2. Zawadzki, J., Fabijańczyk, P., Magiera, T. Using geostatistical methods in soil magnetometry: a review . (2024) Journal of Soils and Sediments, Article in Press. 3
3. Ayoubi, S., Bahmani, S. Variation of heavy metals, magnetic susceptibility, and some chemical properties in the Lichen-rock interface on various parent rocks in west of Iran . (2023) Physics and Chemistry of the Earth 129,103303. 4
4. Chatterjee, S., Gogoi, G. Magnetic susceptibility as proxy to air pollution: A case study from Durgapur industrial township, West Bengal, India (Book Chapter). (2023) Spatial Modeling of Environmental Pollution and Ecological Risk pp. 157-1655
5. Mondal, S., Chatterjee, S., Maity, R., Gain, D., Mazumdar, D. Imprints of vehicular pollution in roadside dust from Kolkata, India: insights from magnetic susceptibility, geo-statistical and SEM studies. (2023) Current Science, 124(1), pp. 56-62 6
6. Tribaudino, M., Solzi, M., Mantovani, L., Zaccara, P., Groppi, E. Magnetic particle monitoring on leaves in winter: a pilot study on a highly polluted location in the Po plain (Northern Italy) (2022) Environmental Science and Pollution Research 29(42), pp. 63171-63181.
7. Neelavannan, K., Narasimhan, C.L., Sivaraj, K., Nisha, V., Sekar, S. Environmental magnetic and textural characteristics of two estuarine core sediments from Bay of Bengal, India. (2021) Arabian Journal of Geosciences 14(18),1934.
8. Han, Y., Liu, X., Zhao, G., Lü, B., Chen, Q. Magnetic monitoring of topsoil and street dust in Xinyang (China) and their environmental implications. (2021) Environmental Monitoring and Assessment, 193(9),602.

9. Singh, B., Kaushik, A. Application of biomagnetic analysis technique using roadside trees for monitoring and identification of possible sources of atmospheric particulates in selected air pollution hotspots in Delhi, India. (2021). Atmospheric Pollution Research 12(7),10111310
10. Alani, S., Zakaria, Z., Saeidi, T., (...), Imran, M.A., Abbasi, Q.H. Microwave imaging of breast skin utilizing elliptical uwb antenna and reverse problems algorithm. (2021) Micromachines, 12(6),647
11. Narayana, A.C., Ismaiel, M., Priju, C.P. An environmental magnetic record of heavy metal pollution in Vembanad lagoon, southwest coast of India. (2021) Marine Pollution Bulletin, 167, art. no. 112344, .
12. Fabijańczyk, P., Zawadzki, J. Complementary use of magnetometric measurements for geochemical investigation of light ree concentration in anthropogenically polluted soils. (2021) Minerals, 11 (5), art. no. 457, .
13. Magiera, T., Żogała, B., Łukasik, A., Pierwoła, J. Application of different geophysical techniques to study Technosol developed on metallurgical wastes. (2021) Land Degradation and Development, 32 (5), pp. 1927-1937.
14. Senthil Kumar, C.K., Chandrasekaran, A. Multivariate statistical tool to analyse the environmental magnetic data in Ponnai River Sand, Tamil Nadu. (2020) Environmental Earth Sciences, 79 (21), art. no. 497, .
15. Vasiliev, A., Gorokhova, S., Razinsky, M. Technogenic magnetic particles in soils and ecological–geochemical assessment of the soil cover of an industrial city in the Ural, Russia. (2020) Geosciences (Switzerland), 10 (11), art. no. 443, pp. 1-34.
16. Rachwał, M., Wawer, M., Jabłońska, M., Rogula-Kozłowska, W., Rogula-Kopiec, P. Geochemical and mineralogical characteristics of airborne particulate matter in relation to human health risk. (2020) Minerals, 10 (10), art. no. 866, pp. 1-19.
17. Lee, S., Kim, S., Kim, H., Seo, Y., Ha, Y., Kim, H., Ha, R., Yu, Y. Tracing of traffic-related pollution using magnetic properties of topsoils in Daejeon, Korea. (2020) Environmental Earth Sciences, 79 (20), art. no. 485, .
18. Szczepaniak-Wnuk, I., Górka-Kostrubiec, B., Dytłow, S., Szwarczewski, P., Kwapuliński, P., Karasiński, J. Assessment of heavy metal pollution in Vistula river (Poland) sediments by using magnetic methods. (2020) Environmental Science and Pollution Research, 27 (19), pp. 24129-24144.
19. Devanesan, E., Chandrasekaran, A., Sivakumar, S., Freny Joy, K.M., Najam, L.A., Ravisankar, R. Magnetic Susceptibility as Proxy for Heavy Metal Pollution Detection in Sediment. (2020) Iranian Journal of Science and Technology, Transaction A: Science, 44 (3), pp. 875-888.
20. Golden, N., Zhang, C., Potito, A., Gibson, P.J., Bargary, N., Morrison, L. Use of ordinary cokriging with magnetic susceptibility for mapping lead concentrations in soils of an urban contaminated site. (2020) Journal of Soils and Sediments, 20 (3), pp. 1357-1370.
21. Schreck, E., Viers, J., Blondet, I., Auda, Y., Macouin, M., Zouiten, C., Freydier, R., Dufréchou, G., Chmeleff, J., Darrozes, J. Tillandsia usneoides as biomonitors of trace elements contents in the atmosphere of the mining district of Cartagena-La Unión (Spain): New insights for element transfer and pollution source tracing. (2020) Chemosphere, 241, art. no. 124955, .
22. Ježková, J., Máčka, Z. Effects of sedimentation environment on magnetic susceptibility of floodplain sediments in the Strážnické Pomoraví region. (2020) Geological Research in Moravia and Silesia, 27 (1-2), pp. 7-14.
23. Ayoubi, S., Adman, V., Yousefifard, M. Efficacy of magnetic susceptibility technique to estimate metal concentration in some igneous rocks. (2019) Modeling Earth Systems and Environment, 5 (4), pp. 1743-1750.
24. Dickinson, A.W., Power, A., Hansen, M.G., Brandt, K.K., Piliposian, G., Appleby, P., O'Neill, P.A., Jones, R.T., Sierocinski, P., Koskella, B., Vos, M. Heavy metal pollution and co-selection for antibiotic resistance: A microbial palaeontology approach. (2019) Environment International, 132, art. no. 105117, .
25. Magiera, T., Żogała, B., Szuszkiewicz, M., Pierwoła, J., Szuszkiewicz, M.M. Combination of different geophysical techniques for the location of historical waste in the Izery Mountains (SW Poland). (2019) Science of the Total Environment, 682, pp. 226-238.
26. Fabijańczyk, P., Zawadzki, J. Using geostatistical gaussian simulation for designing and interpreting soil surface magnetic susceptibility measurements. (2019) International Journal of Environmental Research and Public Health, 16 (18), art. no. 3497, .
27. Salo, H., Mäkinen, J. Comparison of traditional moss bags and synthetic fabric bags in magnetic monitoring of urban air pollution. (2019) Ecological Indicators, 104, pp. 559-566.
28. Bouhlassa, S., Bouhsane, N. Assessment of areal water and tillage erosion using magnetic susceptibility: the approach and its application in Moroccan watershed. (2019) Environmental Science and Pollution Research, 26 (25), pp. 25452-25466.

29. Fabijańczyk, P., Zawadzki, J., Magiera, T. Towards magnetometric characterization of soil pollution with rare-earth elements in industrial areas of Upper Silesian Industrial Area, Southern Poland. (2019) Environmental Earth Sciences, 78 (12), art. no. 352, .
30. Kanu, M.O., Meludu, O.C., Basavaiah, N., Oniku, A.S. Relationship between mineral magnetic properties and soil textural parameters. (2019) Acta Geophysica, 67 (2), pp. 517-532.
31. Szuszkiewicz, M.M., Łukasik, A., Magiera, T., Szuszkiewicz, M. Technogenic magnetic particles of topsoil from different sources of emission - A case study from upper silesian conurbation, Poland. (2018) MATEC Web of Conferences, 247, art. no. 00051, .
32. Appiah, I., Wemegah, D.D., Asare, V.-D.S., Danuor, S.K., Forson, E.D. Integrated geophysical characterisation of Sunyani municipal solid waste disposal site using magnetic gradiometry, magnetic susceptibility survey and electrical resistivity tomography. (2018) Journal of Applied Geophysics, 153, pp. 143-153.
33. Ayoubi, S., Jabbari, M., Khademi, H. Multiple linear modeling between soil properties, magnetic susceptibility and heavy metals in various land uses. (2018) Modeling Earth Systems and Environment, 4 (2), pp. 579-589.
34. Harikrishnan, N., Chandrasekaran, A., Ravisankar, R., Alagarsamy, R. Statistical assessment to magnetic susceptibility and heavy metal data for characterizing the coastal sediment of East coast of Tamilnadu, India. (2018) Applied Radiation and Isotopes, 135, pp. 177-183.
35. Magiera, T., Zawadzki, J., Szuszkiewicz, M., Fabijańczyk, P., Steinnes, E., Fabian, K., Miszczak, E. Impact of an iron mine and a nickel smelter at the Norwegian/Russian border close to the Barents Sea on surface soil magnetic susceptibility and content of potentially toxic elements. (2018) Chemosphere, 195, pp. 48-62.
36. Szczepaniak-Wnuk, I., Górka-Kostrubiec, B. Magnetic study of sediments from the Vistula river in Warsaw—Preliminary results. (2018) GeoPlanet: Earth and Planetary Sciences, (9783319602127), pp. 23-35.
37. Fabijańczyk, P., Zawadzki, J., Magiera, T. Magnetometric assessment of soil contamination in problematic area using empirical Bayesian and indicator kriging: A case study in Upper Silesia, Poland. (2017) Geoderma, 308, pp. 69-77.
38. Rachwał, M., Wawer, M., Magiera, T., Steinnes, E. Integration of soil magnetometry and geochemistry for assessment of human health risk from metallurgical slag dumps. (2017) Environmental Science and Pollution Research, 24 (34), pp. 26410-26423.
39. Mohamed, A.-M.O., Paleologos, E.K. Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport. (2017) Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport, pp. 1-688.
40. Sudarningsih, S., Bijaksana, S., Ramdani, R., Hafidz, A., Pratama, A., Widodo, W., Iskandar, I., Dahrin, D., Fajar, S.J., Santoso, N.A. Variations in the concentration of magnetic minerals and heavy metals in suspended sediments from citarum river and its tributaries, West Java, Indonesia. (2017) Geosciences (Switzerland), 7 (3), art. no. 66, .
41. Bourliva, A., Papadopoulou, L., Aidona, E., Giouri, K. Magnetic signature, geochemistry, and oral bioaccessibility of "technogenic" metals in contaminated industrial soils from Sindos Industrial Area, Northern Greece. (2017) Environmental Science and Pollution Research, 24 (20), pp. 17041-17055.
42. Pueyo Anchuela, Ó., Frongia, P., Di Gregorio, F., Casas Sainz, A.M., Pocoví Juan, A. Magnetometry and ground-penetrating radar surveys applied to tracing potential collectors of mining-derived pollutants in coastal sediments (Piscinas Bay, Montevecchio mining area, SW Sardinia). (2017) Environmental Earth Sciences, 76 (5), art. no. 230, .
43. Ďurža, O., Milička, J. Magnetic susceptibility and potentially toxic elements distribution in soils of the Záhorská nížina Lowland and of the Malé Karpaty Mts. Foothill, Slovakia [Magnetická susceptibilita a distribúcia potenciálne toxických prvkov v pôdach Záhorskej nížiny a na úpätí Malých Karpát]. (2017) Mineralia Slovaca, 49 (1), pp. 61-72.
44. Yan, H., Sun, Y., Han, B., Xiao, J. Magnetic susceptibility and heavy metal concentrations of street dust in Xuchang City, China. (2017) Fresenius Environmental Bulletin, 26 (8), pp. 5059-5068.
45. Zong, Y., Xiao, Q., Lu, S. Magnetic signature and source identification of heavy metal contamination in urban soils of steel industrial city, Northeast China. (2017) Journal of Soils and Sediments, 17 (1), pp. 190-203.
46. Golden, N., Zhang, C., Potito, A.P., Gibson, P.J., Bargary, N., Morrison, L. Impact of grass cover on the magnetic susceptibility measurements for assessing metal contamination in urban topsoil. (2017) Environmental Research, 155, pp. 294-306.
47. Zawadzki, J., Szuszkiewicz, M., Fabijańczyk, P., Magiera, T. Geostatistical discrimination between different sources of soil pollutants using a magneto-geochemical data set. (2016) Chemosphere, 164, pp. 668-676.

48. Yurtseven-Sandker, A., Cioppa, M.T. Tracking the Historical Traces of Soil Pollution from an Iron-Sintering Plant by Using Magnetic Susceptibility in Wawa, Ontario, Canada. (2016) Water, Air, and Soil Pollution, 227 (12), art. no. 434, .
49. Magiera, T., Mendakiewicz, M., Szuszkiewicz, M., Jabłońska, M., Chróst, L. Technogenic magnetic particles in soils as evidence of historical mining and smelting activity: A case of the Brynica River Valley, Poland. (2016) Science of the Total Environment, 566-567, pp. 536-551.
50. Fabijańczyk, P., Zawadzki, J., Magiera, T., Szuszkiewicz, M. A methodology of integration of magnetometric and geochemical soil contamination measurements. (2016) Geoderma, 277, pp. 51-60.
51. Błońska, E., Lasota, J., Szuszkiewicz, M., Łukasik, A., Klamerus-Iwan, A. Assessment of forest soil contamination in Krakow surroundings in relation to the type of stand. (2016) Environmental Earth Sciences, 75 (16), art. no. 1205, .
52. Szuszkiewicz, M., Łukasik, A., Magiera, T., Mendakiewicz, M. Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach. (2016) Environmental Pollution, 214, pp. 464-477.
53. Lourenço, A.M., Gomes, C.R. Integration of magnetic measurements, chemical and statistical analysis in characterizing agricultural soils (central Portugal). (2016) Environmental Earth Sciences, 75 (11), art. no. 968, .
54. Gune, M., Harshavardhana, B.G., Balakrishna, K., Udayashankar, H.N., Shankar, R., Manjunatha, B.R. Rock magnetic finger-printing of soil from a coal-fired thermal power plant. (2016) Environmental Monitoring and Assessment, 188 (5), art. no. 272, .
55. Salo, H., Berisha, A.-K., Mäkinen, J. Seasonal comparison of moss bag technique against vertical snow samples for monitoring atmospheric pollution. (2016) Journal of Environmental Sciences (China), 41, pp. 128-137.
56. Abu Khatita, A.M., de Wall, H., Koch, R. Anthropogenic particle dispersions in topsoils of the Middle Nile Delta: a preliminary study on the contamination around industrial and commercial areas in Egypt. (2016) Environmental Earth Sciences, 75 (3), art. no. 264, pp. 1-19.
57. Salo, H. Enviromagnetic biomonitoring: New directions in air quality assessment using mosses and lichens. (2016) Biomonitoring of Air Pollution Using Mosses and Lichens: A Passive and Active Approach - State of the Art Research and Perspectives, pp. 195-228.
58. Magiera, T., Parzentny, H., Róg, L., Chybiorz, R., Wawer, M. Spatial variation of soil magnetic susceptibility in relation to different emission sources in southern Poland. (2015) Geoderma, 255-256, pp. 94-103.
59. Yang, P.G., Yang, M., Mao, R.Z., Byrne, J.M. Impact of long-term irrigation with treated sewage on soil magnetic susceptibility and organic matter content in North China. (2015) Bulletin of Environmental Contamination and Toxicology, 95 (1), pp. 102-107.
60. Zawadzki, J., Fabijańczyk, P., Magiera, T., Rachwał, M. Micro-scale spatial correlation of magnetic susceptibility in soil profile in forest located in an industrial area. (2015) Geoderma, 249-250, pp. 61-68.
61. Chaparro, M.A.E., Chaparro, M.A.E., Castañeda Miranda, A.G., Böhnel, H.N., Sinito, A.M. An interval fuzzy model for magnetic biomonitoring using the specie Tillandsia recurvata L. (2015) Ecological Indicators, 54, pp. 238-245.
62. Zawadzki, J., Fabijańczyk, P., Magiera, T., Rachwał, M. Geostatistical microscale study of magnetic susceptibility in soil profile and magnetic indicators of potential soil pollution. (2015) Water, Air, and Soil Pollution, 226 (5), art. no. 142, .
63. Lourenço, A., Esteves, I., Rocha, A., Abrantes, I., Gomes, C. Relation between magnetic parameters and nematode abundance in agricultural soils of Portugal—a multidisciplinary study in the scope of environmental magnetism. (2015) Environmental Monitoring and Assessment, 187 (4), art. no. 162, 15 p.
64. Yan, Y., Sun, Y.B., Weiss, D., Liang, L.J., Chen, H.Y. Polluted dust derived from long-range transport as a major end member of urban aerosols and its implication of non-point pollution in northern China. (2015) Science of the Total Environment, 506-507, pp. 538-545.
65. Aydin, A., Akyol, E. Observing urban soil pollution using magnetic susceptibility. (2015) International Journal of Environmental Research, 9 (1), pp. 295-302.
66. Prajith, A., Rao, V.P., Kessarkar, P.M. Magnetic properties of sediments in cores from the Mandovi estuary, western India: Inferences on provenance and pollution. (2015) Marine Pollution Bulletin, 99 (1-2), pp. 338-345.
67. Moskowitz, B.M., Jackson, M., Chandler, V. Geophysical Properties of the Near-Surface Earth: Magnetic Properties. (2015) Treatise on Geophysics: Second Edition, 11, pp. 139-174.
68. Usapkar, A., Dewangan, P., Kocherla, M., Ramprasad, T., Mazumdar, A., Ramana, M.V. Enhanced methane flux event and sediment dispersal pattern in the Krishna-Godavari offshore basin: Evidences from rock magnetic techniques. (2014) Marine and Petroleum Geology, 58 (PA), pp. 461-475.

69. Salo, H., Mäkinen, J. Magnetic biomonitoring by moss bags for industry-derived air pollution in SW Finland. (2014) Atmospheric Environment, 97, pp. 19-27.
70. Frančišković-Bilinski, S., Scholger, R., Bilinski, H., Tibljaš, D. Magnetic, geochemical and mineralogical properties of sediments from karstic and flysch rivers of Croatia and Slovenia. (2014) Environmental Earth Sciences, 72 (10), pp. 3939-3953.
71. Kanu, M.O., Meludu, O.C., Oniku, S.A. Comparative study of top soil magnetic susceptibility variation based on some human activities. (2014) Geofisica Internacional, 53 (4), pp. 411-423.
72. Scoullos, M., Botsou, F., Zeri, C. Linking environmental magnetism to geochemical studies and management of trace metals. Examples from fluvial, estuarine and marine systems. (2014) Minerals, 4 (3), pp. 716-745.
73. Frančišković-Bilinski, S., Bilinski, H., Scholger, R., Tomašić, N., Maldini, K. Magnetic spherules in sediments of the karstic Dobra River (Croatia). (2014) Journal of Soils and Sediments, 14 (3), pp. 600-614.
74. Ďurža, O., Hiller, E., Lachká, L., Tóth, R. Soil magnetic susceptibility and contamination of soils from kindergartens areas by potentially toxic elements in Bratislava (Slovakia) [Magnetická susceptibilita a znečistenie pôd v areáloch materských škôlok Bratislavy potenciálne toxickými prvkami (Slovensko)]. (2013) Acta Geologica Slovaca, 5 (2), pp. 155-162.
75. Salo, H., Vaahtovuo, E. Enviromagnetic methods and their use in studies of spatial and temporal changes in airborne pollution load using the moss bag technique [Ympäristömagneettiset menetelmät ja niiden käyttö ympäristön ilmaperäisen kuormituksen spatiaalisten ja ajallisten muutosten tutkimuksessa sammalpallotekniikan avulla]. (2013) Terra, 125 (4), pp. 191-206.
76. Wang, X.S. Magnetic properties and heavy metal pollution of soils in the vicinity of a cement plant, xuzhou (china). (2013) Journal of Applied Geophysics, 98, pp. 73-78.
77. Reyes, B.A., Mejía, V., Goguitchaichvili, A., Escobar, J., Bayona, G., Bautista, F., Morales, J.C., Ihl, T.J. Reconnaissance environmental magnetic study of urban soils, dust and leaves from Bogotá, Colombia. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 741-754.
78. Kanu, M.O., Meludu, O.C., Oniku, S.A. Measurement of magnetic susceptibility of soils in Jalingo, N-E Nigeria: A case study of the Jalingo Mechanic village. (2013) World Applied Sciences Journal, 24 (2), pp. 178-187.
79. El-Hasan, T., Lataifeh, M. Field and dual magnetic susceptibility proxies for heavy metal pollution assessment in the urban soil of Al-Karak City, South Jordan. (2013) Environmental Earth Sciences, 69 (7), pp. 2299-2310.
80. Wang, X.S. Assessment of heavy metal pollution in Xuzhou urban topsoils by magnetic susceptibility measurements. (2013) Journal of Applied Geophysics, 92, pp. 76-83.
81. Vodyanitskii, Y.N. Biogeochemical role of magnetite in urban soils (Review of publications). (2013) Eurasian Soil Science, 46 (3), pp. 317-324.
82. Cowan, E.A., Seramur, K.C., Hageman, S.J. Magnetic susceptibility measurements to detect coal fly ash from the Kingston Tennessee spill in Watts Bar Reservoir. (2013) Environmental Pollution, 174, pp. 179-188.
83. Menshov, O.I. Reconnaissance magnetic investigations of the atmospheric pollution, case study from Kyiv. (2013) GeoInformatics 2013 - 12th International Conference on Geoinformatics: Theoretical and Applied Aspects, .
84. Reyes, B.A., Bautista, F., Goguitchaichvili, A., Contreras, J.J.M., Owen, P.Q., Carvallo, C., Battu, J. Rock-magnetic properties of topsoils and urban dust from Morelia (>800,000 inhabitants), Mexico: Implications for anthropogenic pollution monitoring in Mexico's medium size cities. (2013) Geofisica Internacional, 52 (2), pp. 121-133.
85. Dankoub, Z., Khademi, H., Ayoubi, Sh. Magnetic susceptibility and its relationship with the concentration of selected heavy metals and soil properties in surface soils of the isfahan region. (2012) Journal of Environmental Studies, 38 (63), pp. 17-26.
86. Gudadhe, S.S., Sangode, S.J., Patil, S.K., Chate, D.M., Meshram, D.C., Badekar, A.G. Pre- and post-monsoon variations in the magnetic susceptibilities of soils of Mumbai metropolitan region: Implications to surface redistribution of urban soils loaded with anthropogenic particulates. (2012) Environmental Earth Sciences, 67 (3), pp. 813-831.
87. Lourenço, A.M., Rocha, F., Gomes, C.R. Relationships between magnetic parameters, chemical composition and clay minerals of topsoils near Coimbra, central Portugal. (2012) Natural Hazards and Earth System Science, 12 (8), pp. 2545-2555.
88. Yang, P., Yang, M., Shao, H. Magnetic Susceptibility and Heavy Metals Distribution from Risk-cultivated Soil around the Iron-Steel Plant, China. (2012) Clean - Soil, Air, Water, 40 (6), pp. 615-618.

89. Górka-Kostrubiec, B., Król, E., Jeleńska, M. Dependence of air pollution on meteorological conditions based on magnetic susceptibility measurements: A case study from Warsaw. (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 861-877.
90. Zawadzki, J., Magiera, T., Fabijańczyk, P., Kusza, G. Geostatistical 3-dimensional integration of measurements of soil magnetic susceptibility. (2012) Environmental Monitoring and Assessment, 184 (5), pp. 3267-3278.
91. Sapkota, B., Cioppa, M.T. Assessing the use of magnetic methods to monitor vertical migration of metal pollutants in soil (2012) Water, Air, and Soil Pollution, 223 (2), pp. 901-914.
92. Yang, T., Liu, Q., Zeng, Q., Chan, L. Relationship between magnetic properties and heavy metals of urban soils with different soil types and environmental settings: Implications for magnetic mapping. (2012) Environmental Earth Sciences, 66 (2), pp. 409-420.
93. Dankoub, Z., Ayoubi, S., Khademi, H., Lu, S.-G. Spatial Distribution of Magnetic Properties and Selected Heavy Metals in Calcareous Soils as Affected by Land Use in the Isfahan Region, Central Iran. (2012) Pedosphere, 22 (1), pp. 33-47.
94. Aydin, A. Using susceptibility measurements on polluted areas by exhaust gases. (2011) Environmental Earth Sciences, pp. 861-873.
95. Li, F., Li, G., Ji, J. Increasing magnetic susceptibility of the suspended particles in Yangtze River and possible contribution of fly ash. (2011) Catena, 87 (1), pp. 141-146.
96. Yan, H.T., Hu, S.Y., Blaha, U., Rösler, W., Duan, X.M., Appel, E. Paddy soil - A suitable target for monitoring heavy metal pollution by magnetic proxies. (2011) Journal of Applied Geophysics, 75 (2), pp. 211-219.
97. Zhang, C., Qiao, Q., Piper, J.D.A., Huang, B. Assessment of heavy metal pollution from a Fe-smelting plant in urban river sediments using environmental magnetic and geochemical methods. (2011) Environmental Pollution, 159 (10), pp. 3057-3070.
98. Wang, B., Xia, D., Yu, Y., Jia, J., Tian, S., Liu, X. Use of environmental magnetism to monitor pollution in the river sediment of an urban area. (2011) Huanjing Kexue Xuebao/Acta Scientiae Circumstantiae, 31 (9), pp. 1979-1991.
99. Lu, S.G., Wang, H.Y., Guo, J.L. Magnetic enhancement of urban roadside soils as a proxy of degree of pollution by traffic-related activities. (2011) Environmental Earth Sciences, 64 (2), pp. 359-371.
100. Magiera, T., Jabłońska, M., Strzyszcz, Z., Rachwal, M. Morphological and mineralogical forms of technogenic magnetic particles in industrial dusts. (2011) Atmospheric Environment, 45 (25), pp. 4281-4290.
101. Mohamed, A.-M.O., Marwan, S.S. Impact of soil magnetic properties on moisture content prediction using TDR. (2011) Geotechnical Testing Journal, 34 (3), .
102. Chaparro, M.A.E., Chaparro, M.A.E., Rajkumar, P., Ramasamy, V., Sinito, A.M. Magnetic parameters, trace elements, and multivariate statistical studies of river sediments from southeastern India: A case study from the Vellar River. (2011) Environmental Earth Sciences, 63 (2), pp. 297-310.
103. Fabian, K., Reimann, C., McEnroe, S.A., Willemoes-Wissing, B. Magnetic properties of terrestrial moss (Hylocomium splendens) along a north-south profile crossing the city of Oslo, Norway. (2011) Science of the Total Environment, 409 (11), pp. 2252-2260.
104. Reyes, B.A., Bautista, F., Goguitchaichvili, A., Morton, O. Magnetic monitoring of top soils of Merida (Southern Mexico). (2011) Studia Geophysica et Geodaetica, 55 (2), pp. 377-388.
105. Sandeep, K., Shankar, R., Krishnaswamy, J. Assessment of suspended particulate pollution in the Bhadra River catchment, Southern India: An environmental magnetic approach. (2011) Environmental Earth Sciences, 62 (3), pp. 625-637.
106. Bućko, M.S., Magiera, T., Pesonen, L.J., Janus, B. Magnetic, geochemical, and microstructural characteristics of road dust on roadsides with different traffic volumes-case study from Finland. (2010) Water, Air, and Soil Pollution, 209 (1-4), pp. 295-306.
107. Rosowiecka, O., Nawrocki, J. Assessment of soils pollution extent in surroundings of ironworks based on magnetic analysis. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 185-194.
108. Chlupáčová, M., Hanák, J., Müller, P. Magnetic susceptibility of cambisol profiles in the vicinity of the Vír dam, Czech Republic. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 153-184.
109. Bondar, K., Virshylo, I., Slobodyanyk, I., Stakhiv, I. Monitoring of air pollution using magnetic susceptibility measurements of soils and vegetation in Kyiv, Ukraine. (2010) Geoinformatics 2010 - 9th International Conference on Geoinformatics: Theoretical and Applied Aspects, art. no. A006, .
110. Liu, Q., Zeng, Q., Yang, T., Qiu, N., Chan, L. Magnetic properties of street dust from Chibi City, Hubei Province, China: Its implications for urban environment. (2009) Journal of Earth Science, 20 (5), pp. 848-857.
111. Zhang, C.-X., Huang, B.-C., Liu, Q.-S. Magnetic properties of different pollution receptors around steel plants and their environmental significance. (2009) Acta Geophysica Sinica, 52 (11), pp. 2826-2839.

112. Blundell, A., Hannam, J.A., Dearing, J.A., Boyle, J.F. Detecting atmospheric pollution in surface soils using magnetic measurements: A reappraisal using an England and Wales database. (2009) Environmental Pollution, 157 (10), pp. 2878-2890.
113. Alagarsamy, R. Environmental magnetism and application in the continental shelf sediments of India. (2009) Marine Environmental Research, 68 (2), pp. 49-58.
114. Zawadzki, J., Magiera, T., Fabijańczyk, P. Geostatistical evaluation of magnetic indicators of forest soil contamination with heavy metals. (2009) Studia Geophysica et Geodaetica, 53 (1), pp. 133-149.
115. Horng, C.-S., Huh, C.-A., Chen, K.-H., Huang, P.-R., Hsiung, K.-H., Lin, H.-L. Air pollution history elucidated from anthropogenic spherules and their magnetic signatures in marine sediments offshore of Southwestern Taiwan. (2009) Journal of Marine Systems, 76 (4), pp. 468-478.
116. Lu, S., Wang, H., Bai, S. Heavy metal contents and magnetic susceptibility of soils along an urban - Rural gradient in rapidly growing city of eastern China. (2009) Environmental Monitoring and Assessment, 155 (1-4), pp. 91-101.
117. Frančiskovic-Bilinski, S. Detection of coal combustion products in stream sediments by chemical analysis and magnetic-susceptibility measurements. (2008) Mineralogical Magazine, 72 (1), pp. 43-48.
118. Mohamed, A.M.O. Impact of soil magnetic permeability on water content prediction using TDR. (2008) 12th International Conference on Computer Methods and Advances in Geomechanics 2008, 2, pp. 1365-1372.
119. Chaparro, M.A.E., Sinito, A.M., Ramasamy, V., Marinelli, C., Chaparro, M.A.E., Mullainathan, S., Murugesan, S. Magnetic measurements and pollutants of sediments from Cauvery and Palaru River, India. (2008) Environmental Geology, 56 (2), pp. 425-437.
120. Szönyi, M., Sagnotti, L., Hirt, A.M. A refined biomonitoring study of airborne particulate matter pollution in Rome, with magnetic measurements on Quercus Ilex tree leaves. (2008) Geophysical Journal International, 173 (1), pp. 127-141.
121. Zhang, C., Huang, B., Piper, J.D.A., Luo, R. Biomonitoring of atmospheric particulate matter using magnetic properties of Salix matsudana tree ring cores. (2008) Science of the Total Environment, 393 (1), pp. 177-190.
122. Chaparro, M.A.E., Chaparro, M.A.E., Marinelli, C., Sinito, A.M. Multivariate techniques as alternative statistical tools applied to magnetic proxies for pollution: A case study from Argentina and Antarctica. (2008) Environmental Geology, 54 (2), pp. 365-371.
123. Matysek, D., Raclavska, H., Raclavsky, K. Correlation between magnetic susceptibility and heavy metal concentrations in forest soils of the eastern Czech Republic. (2008) Journal of Environmental and Engineering Geophysics, 13 (1), pp. 13-26.
124. El-Hasan, T. The detection of roadside pollution of rapidly growing city in arid region using the magnetic proxies. (2008) Environmental Geology, 54 (1), pp. 23-29.
125. Sharma, A.P., Tripathi, B.D. Magnetic mapping of fly-ash pollution and heavy metals from soil samples around a point source in a dry tropical environment. (2008) Environmental Monitoring and Assessment, 138 (1-3), pp. 31-39.
126. Lu, S.-G., Bai, S.-Q. Magnetic characterization and magnetic mineralogy of the Hangzhou urban soils and its environmental implications. (2008) Acta Geophysica Sinica, 51 (3), pp. 762-769.
127. Monna, F., Puertas, A., Lévêque, F., Losno, R., Fronteau, G., Marin, B., Dominik, J., Petit, C., Forel, B., Chateau, C. Geochemical records of limestone façades exposed to urban atmospheric contamination as monitoring tools? (2008) Atmospheric Environment, 42 (5), pp. 999-1011.
128. Yang, T., Liu, Q., Chan, L., Cao, G. Magnetic investigation of heavy metals contamination in urban topsoils around the East Lake, Wuhan, China. (2007) Geophysical Journal International, 171 (2), pp. 603-612.
129. Lu, S.G., Bai, S.Q., Xue, Q.F. Magnetic properties as indicators of heavy metals pollution in urban topsoils: A case study from the city of Luoyang, China. (2007) Geophysical Journal International, 171 (2), pp. 568-580.
130. Zawadzki, J., Fabijańczyk, P. Use of variograms for field magnetometry analysis in Upper Silesia Industrial Region. (2007) Studia Geophysica et Geodaetica, 51 (4), pp. 535-550.
131. Chaparro, M.A.E., Nuñez, H., Lirio, J.M., Gogorza, C.S.G., Sinito, A.M. Magnetic screening and heavy metal pollution studies in soils from Marambio Station, Antarctica. (2007) Antarctic Science, 19 (3), pp. 379-393.
132. Rothwell, J.J., Lindsay, J.B. Mapping contemporary magnetic mineral concentrations in peat soils using fine-resolution digital terrain data. (2007) Catena, 70 (3), pp. 465-474.
133. Yang, T., Liu, Q., Chan, L., Liu, Z. Magnetic signature of heavy metals pollution of sediments: Case study from the East Lake in Wuhan, China. (2007) Environmental Geology, 52 (8), pp. 1639-1650.

134. Van Hengstum, P.J., Reinhardt, E.G., Boyce, J.I., Clark, C. Changing sedimentation patterns due to historical land-use change in Frenchman's Bay, Pickering, Canada: Evidence from high-resolution textural analysis. (2007) Journal of Paleolimnology, 37 (4), pp. 603-618.
135. Lu, S.G., Bai, S.Q. Study on the correlation of magnetic properties and heavy metals content in urban soils of Hangzhou City, China. (2006) Journal of Applied Geophysics, 60 (1), pp. 1-12.
136. Wang, X.-S., Qin, Y. Comparison of magnetic parameters with vehicular Br levels in urban roadside soils. (2006) Environmental Geology, 50 (6), pp. 787-791.
137. Chianese, D., D'Emilio, M., Bavusi, M., Lapenna, V., Macchiato, M. Magnetic and ground probing radar measurements for soil pollution mapping in the industrial area of Val Basento (Basilicata Region, Southern Italy): A case study. (2006) Environmental Geology, 49 (3), pp. 389-404.
138. Chaparro, M.A.E., Gogorza, C.S.G., Chaparro, M.A.E., Irurzun, M.A., Sinito, A.M. Review of magnetism and heavy metal pollution studies of various environments in Argentina. (2006) Earth, Planets and Space, 58 (10), pp. 1411-1422.
139. Wang, X.S., Qin, Y. Correlation between magnetic susceptibility and heavy metals in urban topsoil: A case study from the city of Xuzhou, China. (2005) Environmental Geology, 49 (1), pp. 10-18.
140. Lu, S.-G., Bai, S.-Q., Cai, J.-B., Xu, C. Magnetic properties and heavy metal contents of automobile emission particulates. (2005) Journal of Zhejiang University: Science, 6 B (8), pp. 731-735.
141. Ji, J., Chen, J., Jin, L., Zhang, W., Balsam, W., Lu, H. Relating magnetic susceptibilty (MS) to the simulated thematic mapper (TM) bands of the Chinese loess: Application of TM image for soil MS mapping on Loess Plateau. (2004) Journal of Geophysical Research: Solid Earth, 109 (5), pp. B05102 1-11.
142. Boyko, T., Scholger, R., Stanjek, H. Topsoil magnetic susceptibility mapping as a tool for pollution monitoring: Repeatability of in situ measurements. (2004) Journal of Applied Geophysics, 55 (3-4), pp. 249-259.
143. Chaparro, M.A.E., Bidegain, J.C., Sinito, A.M., Jurado, S.S., Gogorza, C.S.G. Magnetic studies applied to different environments (soils and stream sediments) from a relatively polluted area in Buenos Aires Province, Argentina. (2004) Environmental Geology, 45 (5), pp. 654-664.
144. Liu, Q., Tao, Y., Yuanyuan, F., Chan, L.S., Liu, Q., Li, H., Liu, Z. Magnetic characteristics of street dust from the Chibi city, Hubei Province, China: Its implications for urban environment. (2004) Progress in Environmental and Engineering Geophysics: Proceedings of the International Conference on Environmental and Engineering Geophysics, ICEEG 2004, pp. 476-479.
145. Ju, Y.-T., Wang, S.-H., Zhang, Q.-P., Wang, L., Deng, C.-L. Mineral magnetic properties of polluted topsoils: A case study in Sanming City, Fujian Province, Southeast China. (2004) Acta Geophysica Sinica, 47 (2), pp. 282-288.
146. Chaparro, M.A.E., Bidegain, J.C., Sinito, A.M., Gogorza, C.S.G., Jurado, S. Preliminary results of magnetic measurements on stream-sediments from Buenos Aires Province, Argentina. (2003) Studia Geophysica et Geodaetica, 47 (1), pp. 121-145.
147. Hanesch, M., Scholger, R. Mapping of heavy metal loadings in soils by means of magnetic susceptibility measurements. (2002) Environmental Geology, 42 (8), pp. 857-870.
148. Chaparro, M.A.E., Gogorza, C.S.G., Lavat, A., Pazos, S., Sinito, A.M. Preliminary results of magnetic characterisation of different soils in the Tandil region (Argentina) affected by pollution by a metallurgical factory. (2002) European Journal of Environmental and Engineering Geophysics, 7 (1), pp. 35-58.

13. Zhu, R.., Kazansky, A., Matasova, G, Guo, B., Zykina, V., Petrovsky, E., *Jordanova, N.*, 2000. Rock-magnetic investigation of Siberia loess and its implication. Chinese Science Bull., 45, No 23, 2192-2197.

Цитира се в:

1. Chen, Y., Shen, Y., Xiao, S., (...), Wang, S., Wang, X. A detailed magnetic characterization of combustion products from various metamorphic grade coals. (2023) Journal of Applied Geophysics, 217,105168
2. He, L., Liu, X., Ma, M., Mao, X., Tabrez, A.R., Lü, B., Qi, X., Shi, Y. Rock magnetic properties and magnetic susceptibility change mechanism of loess in Bahawalpur, Pakistan [巴基斯坦Bahawalpur黄土岩石磁学特征及磁化率变化机制研究]. (2021) Acta Geophysica Sinica, 64 (3), pp. 925-936.
3. Liu, C., Wang, W., Deng, C. A new weathering indicator from high-temperature magnetic susceptibility measurements in an Argon atmosphere. (2020) Geophysical Journal International, 221 (3), pp. 2010-2025.

4. Xue, P., Chang, L., Wang, S., Liu, S., Li, J., Shi, X., Khokiattiwong, S., Kornkanitnan, N. Magnetic mineral tracing of sediment provenance in the central Bengal Fan. (2019) Marine Geology, 415, art. no. 105955,
5. Hrouda, F., Chadima, M., Ježek, J., Kadlec, J. Anisotropies of in-phase, out-of-phase, and frequency-dependent susceptibilities in three loess/palaeosol profiles in the Czech Republic; methodological implications. (2018) Studia Geophysica et Geodaetica, 62 (2), pp. 272-290.
6. Ghafarpour, A., Khormali, F., Balsam, W., Karimi, A., Ayoubi, S. Climatic interpretation of loess-paleosol sequences at Mobarakabad and Aghband, Northern Iran. (2016) Quaternary Research (United States), 86 (1), pp. 95-109.
7. Li, G., Xia, D., Jin, M., Jia, J., Liu, J., Zhao, S., Wen, Y. Magnetic characteristics of loess-paleosol sequences in Tacheng, northwestern China, and their paleoenvironmental implications. (2015) Quaternary International, 372, pp. 87-96.
8. Graf, K.E. Modern human response to the last glacial maximum in Siberia. (2014) Emergence and Diversity of Modern Human Behavior in Paleolithic Asia, pp. 506-531.
9. Lv, B., Liu, X.-M., Chen, Q., Zhao, G.-Y., Chen, J.-S., Mao, X.-G., Guo, X.-L. Effects of CBD treatment on magnetic minerals of natural samples. (2012) Acta Geophysica Sinica, 55 (9), pp. 3077-3087.
10. Lü, B., Liu, X.-M., Chen, Q., Zhao, G.-Y., Chen, J.-S., Mao, X.-G., Guo, X.-L. Effects of CBD treatment on magnetic minerals of natural samples. (2012) Acta Geophysica Sinica, 55 (5), pp. 552-563.
11. Liu, Y., Shi, Z., Deng, C., Su, H., Zhang, W. Mineral magnetic investigation of the Talede loess-palaeosol sequence since the last interglacial in the Yili Basin in the Asian interio. (2012) Geophysical Journal International, 190 (1), pp. 267-277.
12. Song, Y. Paleoclimatic implication of temperature-dependence of susceptibility of Tianshan loess, Central Asia. (2012) Advanced Science Letters, 6, pp. 167-172.
13. Chen, Q., Liu, X.M., Heller, F., Hirt, A.M., Lü, B., Guo, X.L., Mao, X.G., Chen, J.S., Zhao, G.Y., Feng, H., Guo, H. Susceptibility variations of multiple origins of loess from the Ily Basin (NW China). (2012) Chinese Science Bulletin, 57 (15), pp. 1844-1855.
14. Zan, J.B., Fang, X.M., Nie, J.S., Yang, S.L., Song, C.H., Dai, S. Magnetic properties of surface soils across the southern Tarim Basin and their relationship with climate and source materials. (2011) Chinese Science Bulletin, 56 (3), pp. 290-296.
15. Duan, X.M., Hu, S.Y., Yan, H.T., Blaha, U., Roesler, W., Appel, E., Sun, W.H. Relationship between magnetic parameters and heavy element contents of arable soil around a steel company, Nanjing. (2010) Science China Earth Sciences, 53 (3), pp. 411-418.
16. Song, Y.G., Shi, Z.T., Fang, X.M., Nie, J.S., Naoto, I., Qiang, X.K., Wang, X.L. Loess magnetic properties in the Ili Basin and their correlation with the Chinese Loess Plateau. (2010) Science China Earth Sciences, 53 (3), pp. 419-431.
17. Liu, X.M., Liu, T.S., Paul, H., Xia, D.S., Jiri, C., Wang, G. Two pedogenic models for paleoclimatic records of magnetic susceptibility from Chinese and Siberian loess. (2008) Science in China, Series D: Earth Sciences, 51 (2), pp. 284-293.
18. Hanesch, M., Stanjek, H., Petersen, N. Thermomagnetic measurements of soil iron minerals: The role of organic carbon. (2006) Geophysical Journal International, 165 (1), pp. 53-61.
19. Shouyun, H., Chenglong, D., Appel, E., Verosub, K.L. Environmental magnetic studies of lacustrine sediments. (2002) Chinese Science Bulletin, 47 (7), pp. 613-616.

14. *Jordanova N*, Petrovsky E, Kovacheva M., Jordanova, D., 2001. Factors determining magnetic enhancement of burnt clay from archaeological sites. J.Archaeol. Sci., 28 (11), 1137-1148. *IF=2.8*

Цитира се в:

1. Guo, Y., Xiang, F., Ran, H., (...), Huang, H., Ding, L. The sacrificial record in burial pits of the late Shang Dynasty: evidences from the chroma and magnetic properties of the Sanxingdui site, Sichuan, China. (2023) Heritage Science 11(1), 258.
2. Hernández-Cardona, A., Alva-Valdivia, L.M., Cruz-y-Cruz, T., Pérez-García, H. Temperature- and frequency-dependent magnetic susceptibility on archaeological ceramics of the Tlatilca culture (Mexico City): A pilot study towards an archaeointensity approach. (2023) Journal of Archaeological Science: Reports, 52,104257.
3. Poojary, S., Robinson, F., Turner, G. Using Palaeomagnetic Techniques to Date Indigenous Archaeological Sites in New Zealand. (2023) Heritage, 6(10), pp. 6596-6615.
4. Cuenca-García, C., Aidona, E., Wilson, C., Jrad, A., Sarris, A. Geophysical and Geochemical Proxies of Neolithic Sites from Thessaly: A Comparative Study on the Potential of Soil Magnetic Susceptibility and

Phosphate Analyses for Minimally Invasive Location and Interpretation of Buried Features. (2023). Geosciences (Switzerland) 13(1),3. 5
5. Fragnoli, P., Boccalon, E., Liberotti, G. Designing a 'yellow brick road' for the archaeometric analyses of fired and unfired bricks. (2023) Journal of Cultural Heritage, 59, pp. 231-246. 6
6. Delbecque, N., Van Ranst, E., Dondeyne, S., (...), Vermeir, P., Verdoodt, A. Geochemical fingerprinting and magnetic susceptibility to unravel the heterogeneous composition of urban soils. (2022) Science of the Total Environment, 847,157502.
7. Kostadinova-Avramova, M., Dimitrov, P., Kosterov, A., Surovitskii, L. Studying the potential of rock magnetism to distinguish combustion structures of different type. (2022) Journal of Archaeological Science, 144,105639. 8
8. Zhao, Y., Sun, Q., Li, W., (...), Meng, Y., Wang, X. Effect of high temperatures on the magnetic susceptibility of loess. (2022) Environmental Science and Pollution Research, 29(36), pp. 54309-54317. 9
9. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231-251
10. Aidona, E., Spassov, S., Kondopoulou, D., Polymeris, G.S., Raptis, K., Tsanana, A. Archaeomagnetism and Luminescence on Medieval kilns in Thessaloniki and Chalkidiki (N. Greece): Implications for geomagnetic field variations during the last two millennia. (2021) Physics of the Earth and Planetary Interiors, 316, art. no. 106709, .
11. Ozán, I.L., Orgeira, M.J., Buscaglia, S., Bianchi Villelli, M., Vásquez, C.A., Cieplicki, A., Naselli, M. Sediments vs. Historical narratives: The use of soil magnetic properties to evaluate the existence of a historical fire in an 18th century Spanish fort (Patagonia, Argentina). (2020) Journal of Archaeological Science: Reports, 34, art. no. 102577, .
12. Sevink, J. Burnt clay or terra bruciata in coastal basins of Southern Lazio, Italy: Evidence for prehistoric ignicoltura or resulting from drainage of Holocene pyritic sediments? (2020) Journal of Archaeological Science: Reports, 32, art. no. 102432, .
13. Ravazzi, C., Pini, R., De Amicis, M., Castellano, L., Comolli, R., El Khair, D.A., Furlanetto, G., Marsetti, D., Perego, R. Paleoecological archives unraveling the early land-use history at the emergence of the Bronze Age settlement of Bergamo (Italian Alps). (2020) Review of Palaeobotany and Palynology, 276, art. no. 104205, .
14. Tema, E., Ferrara, E. Magnetic measurements as indicator of the equivalent firing temperature of ancient baked clays: New results, limits and cautions. (2019) Journal of Cultural Heritage, 35, pp. 64-75.
15. Lowe, K.M., Mentzer, S.M., Wallis, L.A., Shulmeister, J. A multi-proxy study of anthropogenic sedimentation and human occupation of Gledswood Shelter 1: exploring an interior sandstone rockshelter in Northern Australia. (2018) Archaeological and Anthropological Sciences, 10 (2), pp. 279-304.
16. Anchuela, Ó.P., Somovilla, I.A., Imaz, A.G., Aguilar, J.G., López Julián, P.L. Application of the magnetic mineralogy analysis in the production control of ceramic products [Aplicación del análisis de la mineralogía magnética en el control de producción de productos cerámicos]. (2018) Geogaceta, 64, pp. 143-146.
17. Khouas, A., Hamoudi, M., Khaldaoui, F., Mihoubi, H., Hadji, Y.R. Subsurface geophysics applied to archaeological investigation of Thabudeos Roman fortress (Biskra, Algeria). (2017) Arabian Journal of Geosciences, 10 (23), art. no. 522, .
18. Kondopoulou, D., Gómez-Paccard, M., Aidona, E., Rathossi, C., Carvallo, C., Tema, E., Efthimiadis, K.G., Polymeris, G.S. Investigating the archaeointensity determination success of prehistoric ceramics through a multidisciplinary approach: New and re-evaluated data from Greek collections. (2017) Geophysical Journal International, 210 (3), pp. 1450-1471.
19. Tsatskin, A., Yeshurun, R., Kaufman, D., Weinstein-Evron, M. Soil-Geomorphology and Micromorphology of a Natufian Depositional Record at El-Wad Terrace, Mount Carmel, Israel. (2017) Geoarchaeology, 32 (3), pp. 366-381.
20. Dalan, R.A. Susceptibility. (2017) Encyclopedia of Earth Sciences Series, pp. 939-943.
21. Gao, X., Zhang, S., Zhang, Y., Chen, F. Evidence of hominin use and maintenance of fire at Zhoukoudian. (2017) Current Anthropology, 58, pp. S267-S277.
22. Mentzer, S.M. Hearths and combustion features. (2017) Encyclopedia of Earth Sciences Series, pp. 411-424.
23. Söderström, M., Eriksson, J., Isendahl, C., Schaan, D.P., Stenborg, P., Rebellato, L., Piikki, K. Sensor mapping of Amazonian Dark Earths in deforested croplands. (2016) Geoderma, 281, pp. 58-68.
24. Tsatskin, A., Gendler, T.S. Identification of "red ochre" in soil at Kfar HaHoresh Neolithic site, Israel: Magnetic measurements coupled with materials characterization. (2016) Journal of Archaeological Science: Reports, 6, pp. 284-292.

25. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
26. Kondopoulou, D., Aidona, E., Ioannidis, N., Polymeris, G.S., Tsolakis, S. Archaeomagnetic study and thermoluminescence dating of Protobyzantine kilns (Megali Kypsa, North Greece). (2015) Journal of Archaeological Science: Reports, 2, pp. 156-168.
27. Buggle, B., Hambach, U., Müller, K., Zöller, L., Marković, S.B., Glaser, B. Iron mineralogical proxies and quaternary climate change in SE-european loess-paleosol sequences. (2014) Catena, 117, pp. 4-22.
28. Tsatskin, A., Zaidner, Y. Geoarchaeological context of the later phases of Mousterian occupation (80-115ka) at Nesher Ramla, Israel: Soil erosion, deposition and pedogenic processes. (2014) Quaternary International, 331, pp. 103-114.
29. Zhang, Y., Guo, Z., Deng, C., Zhang, S., Wu, H., Zhang, C., Ge, J., Zhao, D., Li, Q., Song, Y., Zhu, R. The use of fire at Zhoukoudian: evidence from magnetic susceptibility and color measurements. (2014) Chinese Science Bulletin, 59 (10), pp. 1013-1020.
30. Ekinci, Y.L., Balkaya, Ç., Şeren, A., Kaya, M.A., Lightfoot, C.S. Geomagnetic and geoelectrical prospection for buried archaeological remains on the Upper City of Amorium, a Byzantine city in midwestern Turkey. (2014) Journal of Geophysics and Engineering, 11 (1), art. no. 015012, .
31. Söderström, M., Eriksson, J., Isendahl, C., Araújo, S.R., Rebellato, L., Pahl Schaan, D., Stenborg, P. Using proximal soil sensors and fuzzy classification for mapping Amazonian Dark Earths. (2013) Agricultural and Food Science, 22 (4), pp. 380-389.
32. Venkatachalapathy, R., Asanulla, R.M., Manoharan, C., Radhakrishna, T. Rock magnetic and geomagnetic field intensity studies on Megalithic archaeological pottery samples from Tamilnadu, India. (2013) Quaternary International, 298, pp. 57-67.
33. Srivastava, P., Sangode, S.J., Meshram, D.C., Gudadhe, S.S., Nagaraju, E., Kumar, A., Venkateshwarlu, M. Paleoweathering and depositional conditions in the inter-flow sediment units (bole beds) of Deccan Volcanic Province, India: A mineral magnetic approach. (2012) Geoderma, 177-178, pp. 90-109.
34. Donadini, F., Motschi, A., Rösch, C., Hajdas, I. Combining an archaeomagnetic and radiocarbon study: Dating of medieval fireplaces at the Mühlegasse, Zürich. (2012) Journal of Archaeological Science, 39 (7), pp. 2153-2166.
35. Rasmussen, K.L., De La Fuente, G.A., Bond, A.D., Mathiesen, K.K., Vera, S.D. Pottery firing temperatures: A new method for determining the firing temperature of ceramics and burnt clay. (2012) Journal of Archaeological Science, 39 (6), pp. 1705-1716.
36. Carrancho, Á., Villalaín, J.J. Different mechanisms of magnetisation recorded in experimental fires: Archaeomagnetic implications. (2011) Earth and Planetary Science Letters, 312 (1-2), pp. 176-187.
37. Quesnel, Y., Jrad, A., Mocci, F., Gattacceca, J., Mathé, P.-E., Parisot, J.-C., Hermitte, D., Dumas, V., Dussouillez, P., Walsh, K., Miramont, C., Bonnet, S., Uehara, M. Geophysical signatures of a roman and early medieval necropolis. (2011) Archaeological Prospection, 18 (2), pp. 105-115.
38. Spatharas, V., Kondopoulou, D., Aidona, E., Efthimiadis, K.G. New magnetic mineralogy and archaeointensity results from Greek kilns and baked clays. (2011) Studia Geophysica et Geodaetica, 55 (1), pp. 131-157.
39. Alperson-Afil, N., Goren-Inbar, N. The Acheulian site of Gesher: Volume II: Ancient flames and controlled use of fire. (2010) Vertebrate Paleobiology and Paleoanthropology, (9789048137640), pp. 1-114.
40. Venkatachalapathy, R., Loganathan, A., Basavaiah, N., Manoharan, C. The use of mineral magnetic parameters to characterize archaeological artifacts. (2009) Lithuanian Journal of Physics, 49 (4), pp. 479-485.
41. Arroyo-Kalin, M., Neves, E.G., Woods, W.I. Anthropogenic dark earths of the central Amazon region: Remarks on their evolution and polygenetic composition. (2009) Amazonian Dark Earths: Wim Sombroek's Vision, pp. 99-125.
42. Carrancho, Á., Villalaín, J.J., Angelucci, D.E., Dekkers, M.J., Vallverdú, J., Vergès, J.M. Rock-magnetic analyses as a tool to investigate archaeological fired sediments: A case study of mirador cave (Sierra de Atapuerca, Spain). (2009) Geophysical Journal International, 179 (1), pp. 79-96.
43. Simpson, D., Lehouck, A., Verdonck, L., Vermeersch, H., Van Meirvenne, M., Bourgeois, J., Thoen, E., Docter, R. Comparison between electromagnetic induction and fluxgate gradiometer measurements on the buried remains of a 17th century castle. (2009) Journal of Applied Geophysics, 68 (2), pp. 294-300.
44. Manoharan, C., Veeramuthu, K., Venkatachalapathy, R., Radhakrishna, T., Ilango, R. Spectroscopic and ancient geomagnetic field intensity studies on archaeological pottery samples, India. (2008) Lithuanian Journal of Physics, 48 (2), pp. 195-202.

45. Venkatachalapathy, R., Bakas, T., Basavaiah, N., Deenadayalan, K. Mössbauer and mineral magnetic studies on archaeological potteries from Adhichanallur, Tamilnadu, India. (2008) Hyperfine Interactions, 186 (1-3), pp. 89-98.
46. Manoharan, C., Veeramuthu, K., Venkatachalapathy, R., Ilango, R. Studies on rock magnetic and paleointensity of some archaeological artifacts from Tamilnadu, India. (2008) Journal of Zhejiang University: Science A, 9 (7), pp. 988-993.
47. De Marco, E., Spatharas, V., Gómez-Paccard, M., Chauvin, A., Kondopoulou, D. New archaeointensity results from archaeological sites and variation of the geomagnetic field intensity for the last 7 millennia in Greece. (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 578-595.
48. De Marco, E., Spassov, S., Kondopoulou, D., Zananiri, I., Gerofoka, E. Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 481-495.
49. Beatrice, C., Coïsson, M., Ferrara, E., Olivetti, E.S. Relevance of magnetic properties for the characterisation of burnt clays and archaeological tiles. (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 458-464.
50. Peters, C., Abrahamsen, N., Voss, O., Batt, C.M., McDonnell, G. Magnetic investigations of Iron Age slags at Yderik, Denmark: Mineral magnetic comparison to UK slags. (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 465-473.
51. Casas, Ll., Shaw, J., Gich, M., Share, J.A. High-quality microwave archaeointensity determinations from an early 18th century AD English brick kiln. (2005) Geophysical Journal International, 161 (3), pp. 653-661.
52. Marwick, B. Element concentrations and magnetic susceptibility of anthrosols: Indicators of prehistoric human occupation in the inland Pilbara, Western Australia. (2005) Journal of Archaeological Science, 32 (9), pp. 1357-1368.
53. Gautam, P., Blaha, U., Appel, E., Ghanashyam, N. Environmental magnetic approach towards the quantification of pollution in Kathmandu urban area, Nepal. (2004) Physics and Chemistry of the Earth, 29 (13-14 SPEC. ISS.), pp. 973-984.
54. Chianese, D., D'Emilio, M., Di Salvia, S., Lapenna, V., Ragosta, M., Rizzo, E. Magnetic mapping, ground penetrating radar surveys and magnetic susceptibility measurements for the study of the archaeological site of Serra di Vaglio (southern Italy). (2004) Journal of Archaeological Science, 31 (5), pp. 633-643.
55. Magnavita, C., Schleifer, N. A look into the earth: Evaluating the use of magnetic survey in African archaeology. (2004) Journal of African Archaeology, 2 (1), pp. 49-63.
56. Parr, J.F., Boyd, W.E. Response to Cotter and Cotter: Confirming the probable industrial origin of archaeological daub at an Iron Age site in northeast Thailand. (2003) Geoarchaeology, 18 (8), pp. 895-900.
57. Cotter, M., Cotter, S. "The probable industrial origin of archaeological daub at an Iron Age site in northeast Thailand" (Parr and Boyd, 2002): A comment on the inappropriate application of geophysical and geochemical techniques to an archaeological question. (2003) Geoarchaeology, 18 (8), pp. 883-893.

15. Kovacheva, M. and *Jordanova, N*., 2001. Bulgarian archaeomagnetic studies: a review of methodological progress and applications in archaeology. Proceed. of Workshop "Archaeometry in archaeology: new trends", Rhodes, 3-6.11.1999. In: J. of Radioanal.Nuclear Chem., (guest ed. I. Liritzis), Vol. 247, No 3, 685-696. *IF=1.6*

Цитира се в:

1. Kapper, L., Donadini, F., Serneels, V., Tema, E., Goguitchaichvili, A., Julio Morales, J. Reconstructing the Geomagnetic Field in West Africa: First Absolute Intensity Results from Burkina Faso. (2017) Scientific Reports, 7, art. no. 45225, .
2. Casas, L., Linford, P., Shaw, J. Archaeomagnetic dating of Dogmersfield Park brick kiln (Southern England). (2007) Journal of Archaeological Science, 34 (2), pp. 205-213.
3. Riisager, P., Abrahamsen, N., Rytter, J. Research report: Magnetic investigations and the age of a medieval kiln at Kungahälla (south-west Sweden). (2003) Archaeometry, 45 (4), pp. 675-684.
4. Tanguy, J.-C., Le Goff, M., Principe, C., Arrighi, S., Chillemi, V., Paiotti, A., La Delfa, S., Patanè, G. Archeomagnetic dating of Mediterranean volcanics of the last 2100 years: Validity and limits. (2003) Earth and Planetary Science Letters, 211 (1-2), pp. 111-124.

16. Matasova, G., Petrovsky E., *Jordanova, N.*, Zykina V., Kapicka A., 2001. Magnetic study of Late Pleistocene loess/palaeosol sections from Siberia: palaeo environmental implications. Geophys. J. Int. 147, 367-380. *IF=2.8*

Цитира се в:

1. Yang, J., Xia, D., Chen, Z., (...), Zhao, L., Liu, Y. Differentiating detrital and pedogenic contributions to the magnetic properties of aeolian deposits in the southern Tibetan Plateau: Implications for paleoclimatic reconstruction. (2023) Catena, 220,106736. 2
2. Doctor, R., Feinberg, J.M. Differential Thermal Analysis Using High Temperature Susceptibility Instruments. (2022). Journal of Geophysical Research: Solid Earth 127(7),e2021JB023789.
3. Fenn, K., Prud'Homme, C. Dust Deposits: Loess (Book Chapter) (2022). Treatise on Geomorphology pp. 320-365.
4. Hlavatskyi, D., Bakhmutov, V. Early–middle pleistocene magnetostratigraphic and rock magnetic records of the dolynske section (Lower danube, ukraine) and their application to the correlation of loess–palaeosol sequences in eastern and south-eastern Europe. (2021) Quaternary, 4(4),43. 5
5. Gao, X., Hao, Q., Ge, J., (...), Marković, S.B., Guo, Z. Paleowind directions from the magnetic fabric of loess deposits in the western Chinese Loess Plateau and implications for dust provenance. (2021) Quaternary Research (United States) 103, pp. 74-87. 6
6. Költringer, C., Stevens, T., Bradák, B., (...), Snowball, I., Yarovaya, S. Enviromagnetic study of Late Quaternary environmental evolution in Lower Volga loess sequences, Russia. (2021) Quaternary Research (United States) 103, pp. 49-73. 7
7. Költringer, C., Bradák, B., Stevens, T., (...), Kurbanov, R., Snowball, I. Palaeoenvironmental implications from Lower Volga loess - Joint magnetic fabric and multi-proxy analyses. (2021) Quaternary Science Reviews 267,107057.
8. Stine, J., Geissman, J.W., Sweet, D.E., Baird, H. The Effect of Differential Weathering on The Magnetic Properties of Paleosols: A Case Study of Magnetic Enhancement vs. Magnetic Depletion in the Pleistocene Blackwater Draw Formation, Texas. (2021) Frontiers in Earth Science, 9,601401. 9
9. Wang, B., Yang, L., Jia, J. The magnetic susceptibility of the unaltered aeolian dust and wind sorting. (2021) Quaternary Sciences, 41(6), pp. 1645-1653.
10. Liu, X., Lü, B., Liu, X., (...), Chen, Z., Du, J. Different types of maghemite and their gensis in humid subtropical red soil derived from granite weathering crust. (2021). Quaternary Sciences, 41(1),1001.7410.(2021)01-63-15, pp. 63-77
11. Bradák, B., Seto, Y., Chadima, M., Kovács, J., Tanos, P., Újvári, G., Hyodo, M. Magnetic fabric of loess and its significance in Pleistocene environment reconstructions. (2020) Earth-Science Reviews, 210, art. no. 103385, .
12. Cheng, L., Song, Y., Sun, H., Bradák, B., Orozbaev, R., Zong, X., Liu, H. Pronounced changes in paleo-wind direction and dust sources during MIS3b recorded in the Tacheng loess, northwest China. (2020) Quaternary International, 552, pp. 122-134.
13. Li, G., Xia, D., Lu, H., Wang, Y., Jia, J., Liu, X., Yang, X. Magnetic, granulometric and geochemical characterizations of loess sections in the eastern Arid Central Asia: Implication for paleoenvironmental interpretations. (2020) Quaternary International, 552, pp. 135-147.
14. Ulrich, M., Matthes, H., Schmidt, J., Fedorov, A.N., Schirrmeister, L., Siegert, C., Schneider, B., Strauss, J., Zielhofer, C. Holocene thermokarst dynamics in Central Yakutia – A multi-core and robust grain-size endmember modeling approach. (2019) Quaternary Science Reviews, 218, pp. 10-33.
15. Chen, Z., Lü, B., Zheng, X., Ma, X., He, M., Zhao, G. Topsoil magnetic properties and its environmental significance in West Sichuan. (2019) Acta Pedologica Sinica, 56 (3), pp. 691-701.
16. Bradák, B., Kovács, J., Magyari, Á. The origin and significance of some € irregular' loess magnetic fabric found in the Paks succession (Hungary). (2019) Geophysical Journal International, 217 (3), pp. 1742-1754.
17. Bradák, B., Seto, Y., Hyodo, M., Szeberényi, J. Relevance of ultrafine grains in the magnetic fabric of paleosols. (2018) Geoderma, 330, pp. 125-135.
18. Sümegi, P., Gulyás, S., Molnár, D., Sümegi, B.P., Almond, P.C., Vandenberghe, J., Zhou, L., Pál-Molnár, E., Törőcsik, T., Hao, Q., Smalley, I., Molnár, M., Marsi, I. New chronology of the best developed loess/paleosol sequence of Hungary capturing the past 1.1 ma: Implications for correlation and proposed pan-Eurasian stratigraphic schemes. (2018) Quaternary Science Reviews, 191, pp. 144-166.
19. Schaetzl, R.J., Bettis, E.A., Crouvi, O., Fitzsimmons, K.E., Grimley, D.A., Hambach, U., Lehmkuhl, F., Marković, S.B., Mason, J.A., Owczarek, P., Roberts, H.M., Rousseau, D.-D., Stevens, T., Vandenberghe, J., Zárate, M., Veres, D., Yang, S., Zech, M., Conroy, J.L., Dave, A.K., Faust, D., Hao, Q., Obreht, I., Prud'Homme, C., Smalley, I., Tripaldi, A., Zeeden, C., Zech, R.. Approaches and challenges to the study

of loess - Introduction to the LoessFest Special Issue. (2018) Quaternary Research (United States), 89 (3), pp. 563-618.
20. Bradák, B., Újvári, G., Seto, Y., Hyodo, M., Végh, T. A conceptual magnetic fabric development model for the Paks loess in Hungary. (2018) Aeolian Research, 30, pp. 20-31.
21. Yan, S., Xiong, W., Xing, S., Shao, Y., Guo, R., Zhang, H. Oxidation of organic contaminant in a self-driven electro/natural maghemite/peroxydisulfate system: Efficiency and mechanism. (2017) Science of the Total Environment, 599-600, pp. 1181-1190.
22. Bradák-Hayashi, B., Biró, T., Horváth, E., Végh, T., Csillag, G. New aspects of the interpretation of the loess magnetic fabric, Cérna Valley succession, Hungary. (2016) Quaternary Research (United States), 86 (3), pp. 348-358.
23. Wang, X., Lu, H., Zhang, W., Hu, P., Zhang, H., Han, Z., Wang, S., Li, B. Rock magnetic investigation of loess deposits in the Eastern Qingling Mountains (central China) and its implications for the environment of early humans. (2016) Geophysical Journal International, 207 (2), pp. 889-900.
24. Chen, J., Liu, X., Kravchinsky, V.A., Lü, B., Chen, Q. Post-depositional forcing of magnetic susceptibility variations at Kurtak section, Siberia. (2016) Quaternary International, 418, pp. 2-9.
25. Taylor, S.N., Lagroix, F. Magnetic anisotropy reveals the depositional and postdepositional history of a loess-paleosol sequence at Nussloch (Germany). (2015) Journal of Geophysical Research: Solid Earth, 120 (5), pp. 2859-2876.
26. Zeeden, C., Hambach, U., Händel, M. Loess magnetic fabric of the Krems-Wachtberg archaeological site. (2015) Quaternary International, 372, pp. 188-194.
27. Bradák, B., Kovács, J. Quaternary surface processes indicated by the magnetic fabric of undisturbed, reworked and fine-layered loess in Hungary. (2014) Quaternary International, 319, pp. 76-87.
28. Taylor, S.N., Lagroix, F., Rousseau, D.-D., Antoine, P. Mineral magnetic characterization of the upper pleniglacial nussloch loess sequence (Germany): An insight into local environmental processes. (2014) Geophysical Journal International, 199 (3), pp. 1463-1480.
29. Ma, M., Liu, X., Pillans, B.J., Hu, S., Lü, B., Liu, H. Magnetic properties of dashing rocks loess at timaru, south island, new Zealand. (2013) Geophysical Journal International, 195 (1), pp. 75-85.
30. Pueyo Anchuela, Ó., Ramajo Cordero, J., Gil Imaz, A., Meléndez Hevia, G. Analysis of anisotropy of magnetic susceptibility in iron-oolitic beds: A potential tool for paleocurrent identification. (2013) International Journal of Earth Sciences, 102 (4), pp. 1131-1149.
31. Ma, M., Liu, X., Hesse, P.P., Lü, B., Guo, X., Chen, J. Magnetic properties of loess deposits in Australia and their environmental significance. (2013) Quaternary International, 296, pp. 198-205.
32. Baumgart, P., Hambach, U., Meszner, S., Faust, D. An environmental magnetic fingerprint of periglacial loess: Records of Late Pleistocene loess-palaeosol sequences from Eastern Germany. (2013) Quaternary International, 296, pp. 82-93.
33. Liu, X.M., Liu, Z., Lü, B., Marković, S.B., Chen, J.S., Guo, H., Ma, M.M., Zhao, G.Y., Feng, H. The magnetic properties of Serbian loess and its environmental significance. (2013) Chinese Science Bulletin, 58 (3), pp. 353-363.
34. Wei, H.-T., Banerjee, S.K., Xia, D.-S., Jackson, M.J., Jia, J., Chen, F.-H. Magnetic characteristics of loess-paleosol sequences on the north slope of the Tianshan Mountains, northwestern China and their paleoclimatic implications. (2013) Acta Geophysica Sinica, 56 (1), pp. 150-158.
35. Liu, Y., Shi, Z., Deng, C., Su, H., Zhang, W. Mineral magnetic investigation of the Talede loess-palaeosol sequence since the last interglacial in the Yili Basin in the Asian interior. (2012) Geophysical Journal International, 190 (1), pp. 267-277.
36. Chen, Q., Liu, X.M., Heller, F., Hirt, A.M., Lü, B., Guo, X.L., Mao, X.G., Chen, J.S., Zhao, G.Y., Feng, H., Guo, H. Susceptibility variations of multiple origins of loess from the Ily Basin (NW China). (2012) Chinese Science Bulletin, 57 (15), pp. 1844-1855.
37. Liu, W.M., Sun, J.M. High-resolution anisotropy of magnetic susceptibility record in the central Chinese Loess Plateau and its paleoenvironment implications. (2012) Science China Earth Sciences, 55 (3), pp. 488-494.
38. Maher, B.A. The magnetic properties of Quaternary aeolian dusts and sediments, and their palaeoclimatic significance. (2011) Aeolian Research, 3 (2), pp. 87-144.
39. Chlachula, J., Little, E. A high-resolution Late Quaternary climatostratigraphic record from Iskitim, Priobie Loess Plateau, SW Siberia. (2011) Quaternary International, 240 (1-2), pp. 139-149.
40. Guo, X.-L., Liu, X.-M., Lü, B., Tang, D.-P., Mao, X.-G., Chen, J.-S., Chen, X.-Y. Comparison of topsoil magnetic properties between the loess region in Tianshan Mountains and Loess Plateau, China, and its environmental significance. (2011) Acta Geophysica Sinica, 54 (7), pp. 1854-1862.
41. Bábek, O., Chlachula, J., Grygar, T.M. Non-magnetic indicators of pedogenesis related to loess magnetic enhancement and depletion: Examples from the Czech Republic and southern Siberia. (2011) Quaternary Science Reviews, 30 (7-8), pp. 967-979.

42. Liu, X.M., Shaw, J., Jiang, J.Z., Bloemendal, J., Hesse, P., Rolph, T., Mao, X.G. Analysis on variety and characteristics of maghemite. (2010) Science China Earth Sciences, 53 (8), pp. 1153-1162.
43. Jia, J., Xia, D., Wei, H., Wang, B., Liu, X. A magnetic investigation of a loess/paleosol sequences record in Ili area. (2010) Frontiers of Earth Science in China, 4 (3), pp. 259-268.
44. Sandrin, A., Edfelt, Å., Waight, T.E., Berggren, R., Elming, S.-Å. Physical properties and petrologic description of rock samples from an IOCG mineralized area in the northern Fennoscandian Shield, Sweden. (2009) Journal of Geochemical Exploration, 103 (2-3), pp. 80-96.
45. Ďurža, O., Dlapa, P. Magnetic susceptibility record of loess/paleosol sequence: Case study from South-West Slovakia. (2009) Contributions to Geophysics and Geodesy, 39 (1), pp. 83-94.
46. Bradák, B. Application of anisotropy of magnetic susceptibility (AMS) for the determination of paleo-wind directions and paleo-environment during the accumulation period of Bag Tephra, Hungary. (2009) Quaternary International, 198 (1-2), pp. 77-84.
47. Jordanova, D., Hus, J., Evlogiev, J., Geeraerts, R. Palaeomagnetism of the loess/palaeosol sequence in Viatovo (NE Bulgaria) in the Danube basin. (2008) Physics of the Earth and Planetary Interiors, 167 (1-2), pp. 71-83.
48. Liu, X.M., Liu, T.S., Paul, H., Xia, D.S., Jiri, C., Wang, G. Two pedogenic models for paleoclimatic records of magnetic susceptibility from Chinese and Siberian loess. (2008) Science in China, Series D: Earth Sciences, 51 (2), pp. 284-293.
49. Liu, Q., Deng, C., Torrent, J., Zhu, R. Review of recent developments in mineral magnetism of the Chinese loess. (2007) Quaternary Science Reviews, 26 (3-4), pp. 368-385.
50. Carter-Stiglitz, B., Banerjee, S.K., Gourlan, A., Oches, E. A multi-proxy study of Argentina loess: Marine oxygen isotope stage 4 and 5 environmental record from pedogenic hematite. (2006) Palaeogeography, Palaeoclimatology, Palaeoecology, 239 (1-2), pp. 45-62.
51. Vasquez, C.A., Nami, H.G. Rock magnetic study of fluvial Holocene soil from Buenos Aires province (Argentina). (2006) Earth, Planets and Space, 58 (10), pp. 1381-1387.
52. Liu, Q., Yu, Y., Deng, C., Pan, Y., Zhu, R. Enhancing weak magnetic fabrics using field-impressed anisotropy: Application to the Chinese loess. (2005) Geophysical Journal International, 162 (2), pp. 381-389.
53. Ďurža, O., Dlapa, P., Klátiková, K., Milička, J. Interpretation of the magnetic susceptibility record of Senec brickyard loess/paleosol sequence. (2004) Contributions to Geophysics and Geodesy, 34 (4), pp. 381-386.
54. Lagroix, F., Banerjee, S.K. The regional and temporal significance of primary aeolian magnetic fabrics preserved in Alaskan loess. (2004) Earth and Planetary Science Letters, 225 (3-4), pp. 379-395.
55. Lagroix, F., Banerjee, S.K. Cryptic post-depositional reworking in aeolian sediments revealed by the anisotropy of magnetic susceptibility. (2004) Earth and Planetary Science Letters, 224 (3-4), pp. 453-459.
56. Evans, M.E., Rutter, N.W., Catto, N., Chlachula, J., Nyvlt, D. Magnetoclimatology: Teleconnection between the Siberian loess record and North Atlantic Heinrich events. (2003) Geology, 31 (6), pp. 537-540.
57. Hus, J.J. The magnetic fabric of some loess/palaeosol deposits. (2003) Physics and Chemistry of the Earth, 28 (16-19), pp. 689-699.

17. *Jordanova, N.*, Jordanova, D., Petrovsky, E., Kovacheva, M., 2001. Changes in magnetic properties of archaeological samples of burnt clay. Implications for palaeointensity determination. Studia Geophys. Geodaet., 45, 297-318 *IF=0.9*

Цитира се в:

1. Roperch, P., Chauvin, A., Valdez, F. Partial self-reversal of TRM in baked soils and ceramics from Ecuador. (2012) Physics of the Earth and Planetary Interiors, 210-211, pp. 8-20.
2. Venkatachalapathy, R., Bakas, T., Basavaiah, N., Deenadayalan, K. Mössbauer and mineral magnetic studies on archaeological potteries from Adhichanallur, Tamilnadu, India. (2008) Hyperfine Interactions, 186 (1-3), pp. 89-98.
3. Spassov, S., Hus, J. Estimating baking temperatures in a Roman pottery kiln by rock magnetic properties: Implications of thermochemical alteration on archaeointensity determinations. (2006) Geophysical Journal International, 167 (2), pp. 592-604.

18. Kapicka A., *Jordanova, N.*, Petrovsky, E., Ustjak, S., 2001. Effect of different soil conditions on magnetic parameters of power-plant fly ashes. Journal of Applied Geophysics, 48, 93-102 *IF=2.0*

Цитира се в:

1. Santos, A.C., Cruz, C., Font, E., (...), Waerenborgh, J.C., Valentim, B. Physicochemical Properties of Fe-Bearing Phases from Commercial Colombian Coal Ash. (2023). Minerals, 13(8),1055. 2
2. Shirzaditabar, F., Heck, R.J. Characterization of soil drainage using electromagnetic induction measurement of soil magnetic susceptibility . (2021) Catena, 207,105671
3. Grimley, D.A., Lynn, A.S., Brown, C.W., Blair, N.E. Magnetic fly ash as a chronological marker in post-settlement alluvial and lacustrine sediment: Examples from North Carolina and Illinois. (2021). Minerals, 11(5),476
4. Uzarowicz, Ł., Górka-Kostrubiec, B., Dudzisz, K., Rachwał, M., Zagórski, Z. Magnetic characterization and iron oxide transformations in Technosols developed from thermal power station ash. (2021) Catena, 202, art. no. 105292, .
5. Szuszkiewicz, M., Petrovský, E., Łukasik, A., Gruba, P., Grison, H., Szuszkiewicz, M.M. Technogenic contamination or geogenic enrichment in Regosols and Leptosols? Magnetic and geochemical imprints on topsoil horizons. (2021) Geoderma, 381, art. no. 114685, .
6. Saepuloh, A., Army, E.K., Agustan Identifying Thermal Properties of Ground Surface Derived by SAR and Laboratory Measurements. (2018) Proceedings - 2018 IEEE Asia-Pacific Conference on Geoscience, Electronics and Remote Sensing Technology: Best Practice for Disaster Mitigation using Geoscience, Electronic, and Remote Sensing, AGERS 2018, art. no. 8554096, .
7. Li, Y., Zhao, Y., Zou, C. Magnetic response of cement dust to farmland soil pollution [水泥粉尘对农田土壤污染的环境磁学响应] . (2018) Huanjing Kexue Xuebao/Acta Scientiae Circumstantiae, 38 (5), pp. 2023-2033.
8. De Souza Bahia, A.S.R., Marques, J., Jr., La Scala, N., Jr., Cerri, C.E.P., Camargo, L.A. Prediction and mapping of soil attributes using diffuse reflectance spectroscopy and magnetic susceptibility. (2017) Soil Science Society of America Journal, 81 (6), pp. 1450-1462.
9. Mohamed, A.-M.O., Paleologos, E.K. Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport. (2017) Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport, pp. 1-688.
10. Grimley, D.A., Anders, A.M., Bettis, E.A., III, Bates, B.L., Wang, J.J., Butler, S.K., Huot, S. Using magnetic fly ash to identify post-settlement alluvium and its record of atmospheric pollution, central USA. (2017) Anthropocene, 17, pp. 84-98.
11. Bourliva, A., Papadopoulou, L., Aidona, E., Simeonidis, K., Vourlias, G., Devlin, E., Sanakis, Y. Enrichment and oral bioaccessibility of selected trace elements in fly ash-derived magnetic components. (2017) Environmental Science and Pollution Research, 24 (3), pp. 2337-2349.
12. Szuszkiewicz, M., Łukasik, A., Magiera, T., Mendakiewicz, M. Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach. (2016) Environmental Pollution, 214, pp. 464-477.
13. Venuti, A., Alfonsi, L., Cavallo, A. Anthropogenic pollutants on top soils along a section of the Salaria state road, central Italy. (2016) Annals of Geophysics, 59 (5), art. no. G0544, .
14. Yurtseven-Sandker, A., Cioppa, M.T. Magnetic susceptibility mapping of the Sudbury area, Ontario, Canada: Evaluating pollution distributions decades later. (2016) Canadian Journal of Earth Sciences, 53 (5), pp. 466-484.
15. Siqueira, D.S., Marques, J., Jr., Pereira, G.T., Teixeira, D.B., Vasconcelos, V., Carvalho Júnior, O.A., Martins, E.S. Detailed mapping unit design based on soil-landscape relation and spatial variability of magnetic susceptibility and soil color. (2015) Catena, 135, pp. 149-162.
16. Agustine, E., Safiuddin, L.O., Tamuntuan, G., Fitriani, D., Bijaksana, S. The effectiveness of magnetic methods in delineating soil horizons: A case study of volcanic soil from Lembang, West Java. (2015) AIP Conference Proceedings, 1656, art. no. 4917159, .
17. Essefi, E., Komatsu, G., Fairén, A.G., Chan, M.A., Yaich, C. Models of formation and activity of spring mounds in the Mechertate-Chrita-Sidi El Hani system, Eastern Tunisia: Implications for the habitability of mars. (2014) Life, 4 (3), pp. 386-432.
18. Wang, B., Xia, D., Yu, Y., Jia, J., Xu, S. Detection and differentiation of pollution in urban surface soils using magnetic properties in arid and semi-arid regions of northwestern China. (2014) Environmental Pollution, 184, pp. 335-346.
19. Siqueira, D.S., Marques, J., Pereira, G.T., Barbosa, R.S., Teixeira, D.B., Peluco, R.G. Sampling density and proportion for the characterization of the variability of Oxisol attributes on different materials. (2014) Geoderma, 232-234, pp. 172-182.
20. Yang, T., Chen, J., Yang, X., Wang, H., Jin, H. Differences in magnetic properties of fragments and matrix of breccias from the rupture of the 2008 Wenchuan earthquake, China: Relationship to faulting. (2013) Tectonophysics, 601, pp. 112-124.

21. Reyes, B.A., Bautista, F., Goguitchaichvili, A., Contreras, J.J.M., Owen, P.Q., Carvallo, C., Battu, J. Rock-magnetic properties of topsoils and urban dust from Morelia (>800,000 inhabitants), Mexico: Implications for anthropogenic pollution monitoring in Mexico's medium size cities. (2013) Geofisica Internacional, 52 (2), pp. 121-133.
22. Zawadzki, J., Magiera, T., Fabijańczyk, P., Kusza, G. Geostatistical 3-dimensional integration of measurements of soil magnetic susceptibility (2012) Environmental Monitoring and Assessment, 184 (5), pp. 3267-3278.
23. Yang, T., Liu, Q., Zeng, Q., Chan, L. Relationship between magnetic properties and heavy metals of urban soils with different soil types and environmental settings: Implications for magnetic mapping. (2012) Environmental Earth Sciences, 66 (2), pp. 409-420.
24. Sapkota, B., Cioppa, M.T., Gagnon, J.E. Investigation of the changes in magnetic and chemical properties of soil during plant growth in a controlled environment. (2012) Environmental Earth Sciences, 65 (1), pp. 385-399.
25. Li, F., Li, G., Ji, J. Increasing magnetic susceptibility of the suspended particles in Yangtze River and possible contribution of fly ash. (2011) Catena, 87 (1), pp. 141-146.
26. Zhang, C., Qiao, Q., Piper, J.D.A., Huang, B. Assessment of heavy metal pollution from a Fe-smelting plant in urban river sediments using environmental magnetic and geochemical methods. (2011) Environmental Pollution, 159 (10), pp. 3057-3070.
27. Yang, T., Zeng, Q., Liu, Z., Liu, Q. Magnetic properties of the road dusts from two parks in Wuhan city, China: Implications for mapping urban environment. (2011) Environmental Monitoring and Assessment, 177 (1-4), pp. 637-648.
28. Mohamed, A.-M.O., Marwan, S.S. Impact of soil magnetic properties on moisture content prediction using TDR. (2011) Geotechnical Testing Journal, 34 (3), .
29. Fürst, C., Lorz, C., Zirlewagen, D., Makeschin, F. Testing the indicative value of magnetic susceptibility measurements for concluding on site potentials and risks provoked by fly ash deposition. (2010) Environmental Management, 46 (6), pp. 894-907.
30. Huliselan, E.K., Bijaksana, S., Srigutomo, W., Kardena, E. Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate. (2010) Journal of Hazardous Materials, 179 (1-3), pp. 701-708.
31. Zhang, C., Liu, Q., Huang, B., Su, Y. Magnetic enhancement upon heating of environmentally polluted samples containing haematite and iron. (2010) Geophysical Journal International, 181 (3), pp. 1381-1394.
32. Chlupáčová, M., Hanák, J., Müller, P. Magnetic susceptibility of cambisol profiles in the vicinity of the Vír dam, Czech Republic. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 153-184.
33. Lu, S.G., Chen, Y.Y., Shan, H.D., Bai, S.Q. Mineralogy and heavy metal leachability of magnetic fractions separated from some Chinese coal fly ashes. (2009) Journal of Hazardous Materials, 169 (1-3), pp. 246-255.
34. Kim, W., Doh, S.-J., Yu, Y. Anthropogenic contribution of magnetic particulates in urban roadside dust. (2009) Atmospheric Environment, 43 (19), pp. 3137-3144.
35. Frančiskovic-Bilinski, S. Detection of coal combustion products in stream sediments by chemical analysis and magnetic-susceptibility measurements. (2008) Mineralogical Magazine, 72 (1), pp. 43-48.
36. Mohamed, A.M.O. Impact of soil magnetic permeability on water content prediction using TDR. (2008) 12th International Conference on Computer Methods and Advances in Geomechanics 2008, 2, pp. 1365-1372.
37. Zhang, C., Huang, B., Piper, J.D.A., Luo, R. Biomonitoring of atmospheric particulate matter using magnetic properties of Salix matsudana tree ring cores. (2008) Science of the Total Environment, 393 (1), pp. 177-190.
38. Grimley, D.A., Arruda, N.K. Observations of magnetite dissolution in poorly drained soils. (2007) Soil Science, 172 (12), pp. 968-982.
39. Kim, W., Doh, S.-J., Park, Y.-H., Yun, S.-T. Two-year magnetic monitoring in conjunction with geochemical and electron microscopic data of roadside dust in Seoul, Korea. (2007) Atmospheric Environment, 41 (35), pp. 7627-7641.
40. Maier, G., Scholger, R., Schön, J. The influence of soil moisture on magnetic susceptibility measurements. (2006) Journal of Applied Geophysics, 59 (2), pp. 162-175.
41. Shen, M.-J., Hu, S.-Y., Blaha, U., Yan, H.-T., Rösler, W., Appel, E., Hoffmann, V. Magnetic responses to heavy metal pollution and its statistics significance for site 722 soil vertical profile in eastern Beijing. (2006) Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences, 31 (3), pp. 399-404.
42. Liu, Z.-D., Liu, Q.-S., Wang, H.-S., Wang, Z.-Y., Yang, T., Cao, G.-D. Relationship between magnetic properties and heavy metals of sediments in Donghu lake, Wuhan, China. (2006) Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences, 31 (2), pp. 266-272.

43. Shen, M.-J., Hu, S.-Y., Blaha, Y., Yan, H.-T., Rösler, W., Hoffmann, V. A magnetic study of a polluted soil profile at the Shijingshan industrial area, Western Beijing, China. (2006) Acta Geophysica Sinica, 49 (6), pp. 1665-1673.
44. Amereih, S., Meisel, T., Scholger, R., Wegscheider, W. Antimony speciation in soil samples along two Austrian motorways by HPLC-ID-ICP-MS. (2005) Journal of Environmental Monitoring, 7 (12), pp. 1200-1206.
45. Spassov, S., Egli, R., Heller, F., Nourgaliev, D.K., Hannam, J. Magnetic quantification of urban pollution sources in atmospheric particulate matter. (2004) Geophysical Journal International, 159 (2), pp. 555-564.
46. Grimley, D.A., Arruda, N.K., Bramstedt, M.W. Using magnetic susceptibility to facilitate more rapid, reproducible and precise delineation of hydric soils in the midwestern USA. (2004) Catena, 58 (2), pp. 183-213.
47. Maier, G., Scholger, R. Demonstration of connection between pollutant dispersal and atmospheric boundary layers by use of magnetic susceptibility mapping, St. Jacob (Austria). (2004) Physics and Chemistry of the Earth, 29 (13-14 SPEC. ISS.), pp. 997-1009.
48. Egli, R. Characterization of individual rock magnetic components by analysis of remanence curves. 2. Fundamental properties of coercivity distributions. (2004) Physics and Chemistry of the Earth, 29 (13-14 SPEC. ISS.), pp. 851-867.
49. Chaparro, M.A.E., Bidegain, J.C., Sinito, A.M., Jurado, S.S., Gogorza, C.S.G. Relevant magnetic parameters and heavy metals from relatively polluted stream sediments - Vertical and longitudinal distribution along a cross-city stream in Buenos Aires Province, Argentina. (2004) Studia Geophysica et Geodaetica, 48 (3), pp. 615-636.
50. Egli, R. Characterization of individual rock magnetic components by analysis of remanence curves, 1. Unmixing natural sediments. (2004) Studia Geophysica et Geodaetica, 48 (2), pp. 391-446.
51. Chaparro, M.A.E., Bidegain, J.C., Sinito, A.M., Gogorza, C.S.G., Jurado, S. Preliminary results of magnetic measurements on stream-sediments from Buenos Aires Province, Argentina. (2003) Studia Geophysica et Geodaetica, 47 (1), pp. 121-145.
52. Hanesch, M., Scholger, R. Mapping of heavy metal loadings in soils by means of magnetic susceptibility measurements. (2002) Environmental Geology, 42 (8), pp. 857-870.
53. Browman, M.G. Power production waste. (2002) Water Environment Research, 74, pp. 785-800.

19. Petrovsky, E., Kapicka A., *Jordanova N*., Boruvka, L., 2001. Magnetic properties of alluvial soils contaminated with lead, zinc and cadmium. J. Appl. Geophys. 48, 127-136. *IF=2.0*

Цитира се в:

1. Chatzidavid, D., Kokinou, E., Kokolakis, S., Karagiannidou, M. Integrating Earth Observation with Stream Health and Agricultural Activity. (2023). Remote Sensing, 15(23),5485. 2
2. Rousse, S., Llubes, M., Ghorbel, M., (...), Joussein, E., Munoz, M. Multi-devices field magnetic susceptibility: '3D' spatialization of metallic contamination in soils and reverse correlation in carbonated context (Jebel Ressas, Tunisia). (2023) Environmental Earth Sciences, 82(19),457. 3
3. Morales, J., Hernández Bernal, M.D.S., Pérez Rodríguez, N., Goguitchaichvili, A. Magnetic Susceptibility Prospecting and Geochemical Characterization of Taxco's Mining Waste Dam Guerrero I (Mexico). (2023) Quaternary, 6(3),40.
4. Ramesh, D.M., Mudgal, T.R., Kataria, K.K. An application of magnetic and geochemical techniques to determine pollution load in leafy vegetables in the industrial area (Book Chapter). (2023). Handbook of Research on AI-Equipped IoT Applications in High-Tech Agriculture. pp. 313-325.
5. Kokinou, E., Zacharioudaki, D.E., Kokolakis, S., (...), Fanouraki, E., Kontaxakis, E. Spatiotemporal environmental monitoring of the karst-related Almyros Wetland (Heraklion, Crete, Greece, Eastern Mediterranean). (2023) Environmental Monitoring and Assessment, 195(8),955. 6
6. Sánchez-Duque, A., Bautista, F., Cejudo, R., Cervantes-Solano, M., Goguitchaichvili, A. Magnetic particles as pollution indicators at the Aburrá valley (Colombia) | [Las partículas magnéticas como indicadoras de contaminación en el valle de Aburrá (Colombia)]. (2023) Boletin de la Sociedad Geologica Mexicana, 75(1),A181122.
7. Anis, N., Kumar, A., Kumar Arya, A. Assessment of Concentration and Distribution of Contaminants Using Magnetic Susceptibility Measurements . (2023) Pollution. 9(1), pp. 139-149.
8. Zhang, J., Lin, Q., Liu, B., (...), Zhou, X., Kang, X. Magnetic Response of Heavy Metal Pollution in Soil of Urban Street Greenbelts. (2022) Polish Journal of Environmental Studies 31(2), pp. 1923-1933.

9. Han, Y., Liu, X., Zhao, G., Lü, B., Chen, Q. Magnetic monitoring of topsoil and street dust in Xinyang (China) and their environmental implications. (2021). Environmental Monitoring and Assessment, 193(9),602
10. Zhao, G., Zhang, R., Han, Y., Lü, B., Meng, Y., Wang, S., Wang, N. Identifying environmental pollution recorded in street dust using the magnetic method: a case study from central eastern China. (2020) Environmental Science and Pollution Research, 27 (28), pp. 34966-34977.
11. de Souza, J.J.L.L., de Souza, B.I., Xavier, R.A., Pacheco, A.A., Pessenda, L.C.R., dos Santos Brito, E. Archaeoanthrosol formation in the Brazilian semiarid. (2020) Catena, 193, art. no. 104603, .
12. El Hamzaoui, E.H., El Baghdadi, M., Oumenskou, H., Aadraoui, M., Hilali, A. Spatial repartition and contamination assessment of heavy metal in agricultural soils of Beni-Moussa, Tadla plain (Morocco). (2020) Modeling Earth Systems and Environment, 6 (3), pp. 1387-1406.
13. Kapper, K.L., Bautista, F., Goguitchaishvili, A., Bógalo, M.F., Cejudo-Ruíz, R., Solano, M.C. The use and misuse of magnetic methods to monitor environmental pollution in urban areas. (2020) Boletin de la Sociedad Geologica Mexicana, 72 (1), pp. 1-44.
14. Govedarica, D.D., Gavrilov, M.B., Zeremski, T.M., Govedarica, O.M., Hambach, U., Tomić, N.A., Sentić, I., Marković, S.B. Relationships between heavy metal content and magnetic susceptibility in road side loess profiles: A possible way to detect pollution. (2019) Quaternary International, 502, pp. 148-159.
15. Wang, L., Hu, S., Ma, M., Wang, X., Wang, Q., Zhang, Z., Shen, J. Responses of magnetic properties to heavy metal pollution recorded by lacustrine sediments from the Lugu Lake, Southwest China. (2018) Environmental Science and Pollution Research, 25 (26), pp. 26527-26538.
16. Susha Lekshmi, S.U., Singh, D.N., Baghini, M.S. Investigations on magnetic characteristics of the soil and their influence on its dielectric response. (2018) Applied Clay Science, 158, pp. 113-122.
17. Mejia-Echeverry, D., Chaparro, M.A.E., Duque-Trujillo, J.F., Restrepo, J.D. An environmental magnetism approach to assess impacts of land-derived sediment disturbances on coral reef ecosystems (Cartagena, Colombia). (2018) Marine Pollution Bulletin, 131, pp. 441-452.
18. Wang, G., Liu, Y., Chen, J., Ren, F., Chen, Y., Ye, F., Zhang, W. Magnetic evidence for heavy metal pollution of topsoil in Shanghai, China. (2018) Frontiers of Earth Science, 12 (1), pp. 125-133.
19. Król, E., Szwarczewski, P. Magnetic susceptibility of sediments as an indicator of the dynamics of geomorphological processes. (2018) GeoPlanet: Earth and Planetary Sciences, (9783319602127), pp. 79-89.
20. Shang, S., Zhong, W., Wei, Z., Zhu, C., Ye, S., Tang, X., Chen, Y., Tian, L., Chen, B. Heavy metals in surface sediments of lakes in Guangzhou public parks in China and their relations with anthropogenic activities and urbanization. (2017) Human and Ecological Risk Assessment, 23 (8), pp. 2002-2016.
21. Mohamed, A.-M.O., Paleologos, E.K. Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport. (2017) Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport, pp. 1-688.
22. Paoli, L., Winkler, A., Guttová, A., Sagnotti, L., Grassi, A., Lackovičová, A., Senko, D., Loppi, S. Magnetic properties and element concentrations in lichens exposed to airborne pollutants released during cement production. (2017) Environmental Science and Pollution Research, 24 (13), pp. 12063-12080.
23. Chaparro, M.A.E., Suresh, G., Chaparro, M.A.E., Ramasamy, V., Sundarrajan, M. Magnetic assessment and pollution status of beach sediments from Kerala coast (southwestern India). (2017) Marine Pollution Bulletin, 117 (1-2), pp. 171-177.
24. Özel, S., Yılmaz, A., Emin Candansayar, M. The examination of the spread of the leachates coming out of a solid waste disposal area on the ground with geophysical and geochemical methods (Sivas, Turkey). (2017) Journal of Applied Geophysics, 138, pp. 40-49.
25. Pueyo Anchuela, Ó., Frongia, P., Di Gregorio, F., Casas Sainz, A.M., Pocoví Juan, A. Magnetometry and ground-penetrating radar surveys applied to tracing potential collectors of mining-derived pollutants in coastal sediments (Piscinas Bay, Montevecchio mining area, SW Sardinia). (2017) Environmental Earth Sciences, 76 (5), art. no. 230, .
26. Hernández-Bernal, M.S., Morales, J., Corona-Chávez, P., Goguitchaichvili, A., Bautista, F. Combined rock-magnetic and geochemical characterization of Angangueo mining district, central Mexico. (2016) Environmental Earth Sciences, 75 (18), art. no. 1287, .
27. Nováková, T., Matys Grygar, T., Kotková, K., Elznicová, J., Strnad, L., Mihaljevič, M. Pollution assessment using local enrichment factors: the Berounka River (Czech Republic). (2016) Journal of Soils and Sediments, 16 (3), pp. 1081-1092.
28. Morales, J., Hernández-Bernal, M.S., Corona-Chávez, P., Gogichaishvili, A., Bautista, F. Further evidence for magnetic susceptibility as a proxy for the evaluation of heavy metals in mining wastes: Case study of Tlalpujahua and El Oro Mining districts. (2016) Environmental Earth Sciences, 75 (4), art. no. 309, .

29. Venuti, A., Alfonsi, L., Cavallo, A. Anthropogenic pollutants on top soils along a section of the Salaria state road, central Italy. (2016) Annals of Geophysics, 59 (5), art. no. G0544, .
30. Ma, M., Hu, S., Cao, L., Appel, E., Wang, L. Atmospheric pollution history at Linfen (China) uncovered by magnetic and chemical parameters of sediments from a water reservoir. (2015) Environmental Pollution, 204, pp. 161-172.
31. Agustine, E., Safiuddin, L.O., Tamuntuan, G., Fitriani, D., Bijaksana, S. The effectiveness of magnetic methods in delineating soil horizons: A case study of volcanic soil from Lembang, West Java. (2015) AIP Conference Proceedings, 1656, art. no. 4917159, .
32. Nadem, S., El Baghdadi, M., Rais, J., Barakat, A. Evaluation of heavy metal contamination of sediments of the estuary of the Bouregreg (Atlantic Coast, Morocco) [Evaluation de la contamination en métaux lourds des sédiments de l'estuaire de Bou Regreg (Côte atlantique, Maroc)]. (2015) Journal of Materials and Environmental Science, 6 (11), pp. 3338-3345.
33. Nováková, T., Kotková, K., Elznicová, J., Strnad, L., Engel, Z., Matys Grygar, T. Pollutant dispersal and stability in a severely polluted floodplain: A case study in the Litavka River, Czech Republic. (2015) Journal of Geochemical Exploration, 156, pp. 131-144.
34. Kokinou, E. Magnetic properties of soils in a designated Natura area (GR4310010, Giouchtas Mountain). (2015) Interpretation, 3 (4), pp. SAB33-SAB42.
35. Xia, D., Wang, B., Yu, Y., Jia, J., Nie, Y., Wang, X., Xu, S. Combination of magnetic parameters and heavy metals to discriminate soil-contamination sources in Yinchuan - A typical oasis city of Northwestern China. (2014) Science of the Total Environment, 485-486 (1), pp. 83-92.
36. Singh, K.T., Nayak, G.N., Fernandes, L.L., Borole, D.V., Basavaiah, N. Changing environmental conditions in recent past - Reading through the study of geochemical characteristics, magnetic parameters and sedimentation rate of mudflats, central west coast of India. (2014) Palaeogeography, Palaeoclimatology, Palaeoecology, 397, pp. 61-74.
37. Wang, B., Xia, D., Yu, Y., Jia, J., Xu, S. Detection and differentiation of pollution in urban surface soils using magnetic properties in arid and semi-arid regions of northwestern China. (2014) Environmental Pollution, 184, pp. 335-346.
38. Ma, M.M., Hu, S.Y., Lin, H., Cao, L.W., Wang, L.S. Magnetic responses to traffic related contamination recorded by backfills: A case study from Tongling City, China. (2014) Journal of Applied Geophysics, 107, pp. 119-128.
39. Chaparro, M.A.E., Suresh, G., Chaparro, M.A.E., Ramasamy, V., Sinito, A.M. Magnetic studies and elemental analysis of river sediments: A case study from the Ponnaiyar River (Southeastern India). (2013) Environmental Earth Sciences, 70 (1), pp. 201-213.
40. Wang, B., Xia, D., Jia, J., Yu, Y., Xu, S. Magnetic responses of heavy metals in urban topsoil of typical steel industrial city, Northwest China. (2013) Jilin Daxue Xuebao (Diqiu Kexue Ban)/Journal of Jilin University (Earth Science Edition), 43 (3), pp. 962-973.
41. Wang, B., Xia, D.S., Yu, Y., Jia, J., Xu, S.J. Magnetic records of heavy metal pollution in urban topsoil in Lanzhou, China. (2013) Chinese Science Bulletin, 58 (3), pp. 384-395.
42. Suresh, G., Sutharsan, P., Ramasamy, V., Venkatachalapathy, R. Assessment of spatial distribution and potential ecological risk of the heavy metals in relation to granulometric contents of Veeranam lake sediments, India. (2012) Ecotoxicology and Environmental Safety, 84, pp. 117-124.
43. Zhang, C., Qiao, Q., Appel, E., Huang, B. Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. (2012) Journal of Geochemical Exploration, 119-120, pp. 60-75.
44. Chaparro, M.A.E., Chaparro, M.A.E., Sinito, A.M. An interval fuzzy model for magnetic monitoring: Estimation of a pollution index. (2012) Environmental Earth Sciences, 66 (5), pp. 1477-1485.
45. Ashraf, M.A., Maah, M.J., Yusoff, I. Chemical speciation and potential mobility of heavy metals in the soil of former tin mining catchment. (2012) The Scientific World Journal, 2012, art. no. 125608, .
46. El Baghdadi, M., Barakat, A., Sajieddine, M., Nadem, S. Heavy metal pollution and soil magnetic susceptibility in urban soil of Beni Mellal City (Morocco). (2012) Environmental Earth Sciences, 66 (1), pp. 141-155.
47. Grygar, T.M., Sedláček, J., Bábek, O., Nováková, T., Strnad, L., Mihaljevič, M. Regional contamination of Moravia (south-eastern Czech Republic): Temporal shift of Pb and Zn loading in fluvial sediments. (2012) Water, Air, and Soil Pollution, 223 (2), pp. 739-753.
48. El Baghdadi, M., Jakani, K., Barakat, A., Bay, Y. Magnetic susceptibility and heavy metal contamination in agricultural soil of Tadla plain. (2011) Journal of Materials and Environmental Science, 2 (SUPPL. 1), pp. 513-519.
49. Zhang, C., Qiao, Q., Piper, J.D.A., Huang, B. Assessment of heavy metal pollution from a Fe-smelting plant in urban river sediments using environmental magnetic and geochemical methods. (2011) Environmental Pollution, 159 (10), pp. 3057-3070.

50. Yang, T., Zeng, Q., Liu, Z., Liu, Q. Magnetic properties of the road dusts from two parks in Wuhan city, China: Implications for mapping urban environment. (2011) Environmental Monitoring and Assessment, 177 (1-4), pp. 637-648.
51. Song, Y., Ji, J., Yang, Z., Yuan, X., Mao, C., Frost, R.L., Ayoko, G.A. Geochemical behavior assessment and apportionment of heavy metal contaminants in the bottom sediments of lower reach of Changjiang River. (2011) Catena, 85 (1), pp. 73-81.
52. D'Emilio, M., Caggiano, R., Coppola, R., MacChiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: The case study of S. Nicola di Melfi. (2010) Environmental Monitoring and Assessment, 169 (1-4), pp. 619-630.
53. Huliselan, E.K., Bijaksana, S., Srigutomo, W., Kardena, E. Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate. (2010) Journal of Hazardous Materials, 179 (1-3), pp. 701-708.
54. Bijaksana, S., Huliselan, E.K. Magnetic properties and heavy metal content of sanitary leachate sludge in two landfill sites near Bandung, Indonesia. (2010) Environmental Earth Sciences, 60 (2), pp. 409-419.
55. Chlupáčová, M., Hanák, J., Müller, P. Magnetic susceptibility of cambisol profiles in the vicinity of the Vír dam, Czech Republic. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 153-184.
56. Canbay, M., Aydin, A., Kurtulus, C. Magnetic susceptibility and heavy-metal contamination in topsoils along the Izmit Gulf coastal area and IZAYTAS (Turkey). (2010) Journal of Applied Geophysics, 70 (1), pp. 46-57.
57. Eleni, K. Magnetic susceptibility as a proxy method to characterize geological formations. (2009) Proceedings of the 2nd WSEAS International Conference on Engineering Mechanics, Structures and Engineering Geology, EMESEG '09, pp. 196-201.
58. Zhang, C.-X., Huang, B.-C., Liu, Q.-S. Magnetic properties of different pollution receptors around steel plants and their environmental significance. (2009) Acta Geophysica Sinica, 52 (11), pp. 2826-2839.
59. Sarris, A., Kokinou, E., Aidona, E., Kallithrakas-Kontos, N., Koulouridakis, P., Kakoulaki, G., Droulia, K., Damianovits, O. Environmental study for pollution in the area of Megalopolis power plant (Peloponnesos, Greece). (2009) Environmental Geology, 58 (8), pp. 1769-1783.
60. Alagarsamy, R. Environmental magnetism and application in the continental shelf sediments of India. (2009) Marine Environmental Research, 68 (2), pp. 49-58.
61. Morton-Bermea, O., Hernandez, E., Martinez-Pichardo, E., Soler-Arechalde, A.M., Santa-Cruz, R.L., Gonzalez-Hernandez, G., Beramendi-Orosco, L., Urrutia-Fucugauchi, J. Mexico City topsoils: Heavy metals vs. magnetic susceptibility. (2009) Geoderma, 151 (3-4), pp. 121-125.
62. Vasquez, C.A., Orgeira, M.J., Sinito, A.M. Origin of superparamagnetic particles in Argiudolls developed on loess, Buenos Aires (Argentina). (2009) Environmental Geology, 56 (8), pp. 1653-1661.
63. Szönyi, M., Sagnotti, L., Hirt, A.M. A refined biomonitoring study of airborne particulate matter pollution in Rome, with magnetic measurements on Quercus Ilex tree leaves. (2008) Geophysical Journal International, 173 (1), pp. 127-141.
64. Chaparro, M.A.E., Chaparro, M.A.E., Marinelli, C., Sinito, A.M. Multivariate techniques as alternative statistical tools applied to magnetic proxies for pollution: A case study from Argentina and Antarctica. (2008) Environmental Geology, 54 (2), pp. 365-371.
65. Sharma, A.P., Tripathi, B.D. Magnetic mapping of fly-ash pollution and heavy metals from soil samples around a point source in a dry tropical environment. (2008) Environmental Monitoring and Assessment, 138 (1-3), pp. 31-39.
66. LU, S.-G., BAI, S.-Q., FU, L.-X. Magnetic Properties as Indicators of Cu and Zn Contamination in Soils1 1 Project supported by the National Natural Science Foundation of China (No. 40371056) and the Natural Science Foundation of Zhejiang Province, China (No. R305078).. (2008) Pedosphere, 18 (4), pp. 479-485.
67. Zawadzki, J., Fabijańczyk, P. Use of variograms for field magnetometry analysis in Upper Silesia Industrial Region. (2007) Studia Geophysica et Geodaetica, 51 (4), pp. 535-550.
68. Rothwell, J.J., Lindsay, J.B. Mapping contemporary magnetic mineral concentrations in peat soils using fine-resolution digital terrain data. (2007) Catena, 70 (3), pp. 465-474.
69. Yang, T., Liu, Q., Chan, L., Liu, Z. Magnetic signature of heavy metals pollution of sediments: Case study from the East Lake in Wuhan, China. (2007) Environmental Geology, 52 (8), pp. 1639-1650.
70. D'Emilio, M., Chianese, D., Coppola, R., Macchiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: Development of experimental protocols for field surveys. (2007) Environmental Monitoring and Assessment, 125 (1-3), pp. 137-146.
71. Lu, S.G., Bai, S.Q. Study on the correlation of magnetic properties and heavy metals content in urban soils of Hangzhou City, China. (2006) Journal of Applied Geophysics, 60 (1), pp. 1-12.
72. Liu, Z.-D., Liu, Q.-S., Wang, H.-S., Wang, Z.-Y., Yang, T., Cao, G.-D. Relationship between magnetic properties and heavy metals of sediments in Donghu lake, Wuhan, China. (2006) Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences, 31 (2), pp. 266-272.

73. Suteerasak, T., Bhongsuwan, T. Magnetic properties of bottom sediment from different geological areas. (2006) Songklanakarin Journal of Science and Technology, 28 (5), pp. 1135-1148.
74. Vasquez, C.A., Nami, H.G. Rock magnetic study of fluvial Holocene soil from Buenos Aires province (Argentina). (2006) Earth, Planets and Space, 58 (10), pp. 1381-1387.
75. Hendrickx, J.M.H., Harrison, J.B.J., Van Dam, R.L., Borchers, B., Norman, D.I., Dedzoe, C.D., Antwi, B.O., Asiamah, R.D., Rodgers, C., Vlek, P., Friesen, J. Magnetic soil properties in Ghana. (2005) Proceedings of SPIE - The International Society for Optical Engineering, 5794 (PART I), art. no. 18, pp. 165-176.
76. Jordanova, D., Hoffmann, V., Fehr, K.T. Mineral magnetic characterization of anthropogenic magnetic phases in the Danube river sediments (Bulgarian part). (2004) Earth and Planetary Science Letters, 221 (1-4), pp. 71-89.
77. Boyko, T., Scholger, R., Stanjek, H. Topsoil magnetic susceptibility mapping as a tool for pollution monitoring: Repeatability of in situ measurements. (2004) Journal of Applied Geophysics, 55 (3-4), pp. 249-259.
78. Desenfant, F., Petrovský, E., Rochette, P. Magnetic signature of industrial pollution of stream sediments and correlation with heavy metals: Case study of South France. (2004) Water, Air, and Soil Pollution, 152 (1-4), pp. 297-312.
79. Liu, Q., Tao, Y., Yuanyuan, F., Chan, L.S., Liu, Q., Li, H., Liu, Z. Magnetic characteristics of street dust from the Chibi city, Hubei Province, China: Its implications for urban environment. (2004) Progress in Environmental and Engineering Geophysics: Proceedings of the International Conference on Environmental and Engineering Geophysics, ICEEG 2004, pp. 476-479.
80. Eyles, N., Doughty, M., Boyce, J.I., Meriano, M., Chow-Fraser, P. Geophysical and sedimentological assessment of urban impacts in a Lake Ontario watershed and Lagoon: Frenchman's Bay, Pickering, Ontario. (2003) Geoscience Canada, 30 (3), pp. 115-128.
81. Blake, W.H., Walsh, R.P.D., Barnsley, M.J. Relating mineral magnetic measurements to sediment quality in a remediated, contaminated catchment: The significance of heavy metal delivery mode and water-sediment exchange dynamics in a small urban lake. (2003) Journal De Physique. IV : JP, 107 (I), pp. 193-196.

20. Kapicka, A., Petrovsky, E., *Jordanova, N.*, Podrazsky, V., 2001. Magnetic parameters of forest top soils in Krkonose Mountains, Czech Republic. Phys. Chem. Earth (A), 26, 917-922. *IF=1.197*

Цитира се в:

1. Zawadzki, J., Fabijańczyk, P., Magiera, T. Using geostatistical methods in soil magnetometry: a review. (2024) Journal of Soils and Sediments Article in Press
2. Bouhsane, N., Bouhlassa, S. Pedogenic effect and the impact of erosion factors on topsoil magnetic susceptibility enhancement. (2023) Annals of Geophysics, 66(5),GM527. 3
3. Davies, T.M., Banerjee, S., Martin, A.P., Turnbull, R.E. A nearest-neighbour Gaussian process spatial factor model for censored, multi-depth geochemical data. (2022) Journal of the Royal Statistical Society. Series C: Applied Statistics, 71(4), pp. 1014-1043
4. Lam, E.J., Carle, R., González, R., Montofré, Í.L., Veloso, E.A., Bernardo, A., Cánovas, M., Álvarez, F.A. A methodology based on magnetic susceptibility to characterize copper mine tailings. (2020) Minerals, 10 (11), art. no. 939, pp. 1-18.
5. Martin, A.P., Ohneiser, C., Turnbull, R.E., Strong, D.T., Demler, S. Soil magnetic susceptibility mapping as a pollution and provenance tool: An example from southern New Zealand. (2018) Geophysical Journal International, 212 (2), pp. 1225-1236.
6. Kusza, G., Hulisz, P., Łęczyński, L., Michalski, A., Dąbrowski, M., Kłostowska, Ż. Application of magnetic susceptibility measurements for identification of technogenic horizons in soil profiles on the example of the Vistula River Cross-Cut area. (2018) GeoPlanet: Earth and Planetary Sciences, (9783319602127), pp. 65-78.
7. Łukasik, A., Gruba, P., Magiera, T. Application of magnetometry to assess distribution of dust pollution in topsoil of under-crown area of Norway spruce (Picea abies Karst.) and European beech (Fagus sylvatica L.) (2017) Catena, 150, pp. 246-255.
8. Aidona, E., Grison, H., Petrovsky, E., Kazakis, N., Papadopoulou, L., Voudouris, K. Magnetic characteristics and trace elements concentration in soils from Anthemountas River basin (North Greece): discrimination of different sources of magnetic enhancement. (2016) Environmental Earth Sciences, 75 (20), art. no. 1375, .

9. Łukasik, A., Magiera, T., Lasota, J., Błońska, E. Background value of magnetic susceptibility in forest topsoil: Assessment on the basis of studies conducted in forest preserves of Poland. (2016) Geoderma, 264, pp. 140-149.
10. Magiera, T., Parzentny, H., Łukasik, A. The influence of the wind direction and plants on the variability of topsoil magnetic susceptibility in industrial and urban areas of southern Poland. (2016) Environmental Earth Sciences, 75 (3), art. no. 213, pp. 1-11.
11. Magiera, T., Parzentny, H., Róg, L., Chybiorz, R., Wawer, M. Spatial variation of soil magnetic susceptibility in relation to different emission sources in southern Poland. (2015) Geoderma, 255-256, pp. 94-103.
12. Łukasik, A., Szuszkiewicz, M., Magiera, T. Impact of artifacts on topsoil magnetic susceptibility enhancement in urban parks of the Upper Silesian conurbation datasets. (2015) Journal of Soils and Sediments, 15 (8), pp. 1836-1846.
13. Quijano, L., Chaparro, M.A.E., Marié, D.C., Gaspar, L., Navas, A. Relevant magnetic and soil parameters as potential indicators of soil conservation status of Mediterranean agroecosystems. (2014) Geophysical Journal International, 198 (3), pp. 1805-1817.
14. Zuna, M., Mihaljevič, M., Šebek, O., Ettler, V., Handley, M., Navrátil, T., Goliáš, V. Recent lead deposition trends in the Czech Republic as recorded by peat bogs and tree rings. (2011) Atmospheric Environment, 45 (28), pp. 4950-4958.
15. Blaha, U., Appel, E., Stanjek, H. Determination of anthropogenic boundary depth in industrially polluted soil and semi-quantification of heavy metal loads using magnetic susceptibility. (2008) Environmental Pollution, 156 (2), pp. 278-289.
16. Zhang, C., Huang, B., Piper, J.D.A., Luo, R. Biomonitoring of atmospheric particulate matter using magnetic properties of Salix matsudana tree ring cores. (2008) Science of the Total Environment, 393 (1), pp. 177-190.
17. Hanesch, M., Rantitsch, G., Hemetsberger, S., Scholger, R. Lithological and pedological influences on the magnetic susceptibility of soil: Their consideration in magnetic pollution mapping. (2007) Science of the Total Environment, 382 (2-3), pp. 351-363.
18. Suteerasak, T., Bhongsuwan, T. Magnetic properties of bottom sediment from different geological areas. (2006) Songklanakarin Journal of Science and Technology, 28 (5), pp. 1135-1148.
19. Boyko, T., Scholger, R., Stanjek, H. Topsoil magnetic susceptibility mapping as a tool for pollution monitoring: Repeatability of in situ measurements. (2004) Journal of Applied Geophysics, 55 (3-4), pp. 249-259.
20. Berquó, T.S., Thompson, R., Partiti, C.S.M. Magnetic study of Brazilian peats from São Paulo state. (2004) Geoderma, 118 (3-4), pp. 233-243.
21. Kletetschka, G., Žila, V., Wasilewski, P.J. Magnetic anomalies on the tree trunks. (2003) Studia Geophysica et Geodaetica, 47 (2), pp. 371-379.
22. Chaparro, M.A.E., Bidegain, J.C., Sinito, A.M., Gogorza, C.S.G., Jurado, S. Preliminary results of magnetic measurements on stream-sediments from Buenos Aires Province, Argentina. (2003) Studia Geophysica et Geodaetica, 47 (1), pp. 121-145.

21. Grygar, T., Bezdicka P., Vorm, P., *Jordanova, N.*, Krtil, P. 2001. Spinel Solid Solutions in Li-Fe-Mn-O System, J. Solid State Chem. 161, 152-160. *IF=3.3*

Цитира се в:

1. Nipan, G.D., Smirnova, M.N., Kornilov, D.Y., Kop'eva, M.A., Nikiforova, G.E., Gubin, S.P. Transformation of Solid Solution with Spinel-Type Structure Within the Range LiMn2−x(Ni0.33Co0.33Fe0.33)xO4 ($0 \leq x \leq 2$). (2020) Journal of Phase Equilibria and Diffusion, 41 (6), pp. 819-826.
2. Gracia, M., Gancedo, J.R., Gautier, J.L., de la Figuera, J., Marco, J.F. Influence of the manganese substitution on the cation distribution and magnetic structure of the spinel-related LiFe 1-x Mn 1 + x O 4 (x = 0.00, 0.25, 0.50, 0.75) system. (2019) Hyperfine Interactions, 240 (1), art. no. 19, .
3. Al-Tabbakh, A.A., Karatepe, N., Al-Zubaidi, A.B., Benchaabane, A., Mahmood, N.B. Crystallite size and lattice strain of lithiated spinel material for rechargeable battery by X-ray diffraction peak-broadening analysis. (2019) International Journal of Energy Research, 43 (5), pp. 1903-1911.
4. Al-Tabbakh, A.A.A., Kamarulzaman, N. An innovative method to observe rate capability of Li-ion battery composed of spinel cathode material. (2015) Journal of Energy Storage, 3, pp. 36-42.

5. Scholz, F., Gulaboski, R., Schröder, U., Doménech-Carbó, A. Electrochemistry of immobilized particles and droplets: Experiments with three-phase electrodes, 2nd edition. (2015) Electrochemistry of Immobilized Particles and Droplets: Experiments with Three-Phase Electrodes, pp. 1-327.
6. Al-Tabbakh, A.A.A., Kamarulzaman, N. Evaluation of the electrochemical capacity of spinel Li 1.0348Mn1.9152Fe0.0494O4 compound from combined X-ray diffraction and particle size distribution measurements. (2014) Journal of Solid State Electrochemistry, 18 (9), pp. 2411-2418.
7. Gracia, M., Marco, J.F., Gancedo, J.R., Ortiz, J., Pastene, R., Gautier, J.L. Characterization of the lithium-manganese ferrite LiFeMnO4 prepared by two different methods. (2010) Journal of Physical Chemistry C, 114 (29), pp. 12792-12799.
8. Kikkawa, J., Akita, T., Tabuchi, M., Shikano, M., Tatsumi, K., Kohyama, M. Formation and disappearance of spinel nanograins in Li 1.2-xMn0.4Fe0.4O2 ($0 \leq x \leq 0.99$) during extraction and insertion of Li ions. (2009) Journal of the Electrochemical Society, 156 (11), pp. A839-A845.
9. Wende, C., Langbein, H. Synthesis and characterization of compounds LixMn 1+xFe2-2xO4 with spinel structure in the quasiternary system "LiO0,5-MnOx-FeO x". (2006) Crystal Research and Technology, 41 (1), pp. 18-26.
10. Scholz, F., Schröder, U., Gulaboski, R. Electrochemistry of immobilized particles and droplets. (2005) Electrochemistry of Immobilized Particles and Droplets, pp. 1-290.
11. Gracia, M., Marco, J.F., Gancedo, J.R., Gautier, J.L., Ríos, E.I., Menéndez, N., Tornero, J. Characterization of the Mn-Li ferrite system Li1-0.5xFe1.5x+1-Mn1-xO4 ($0.2 \leq x \leq 1$). (2003) Journal of Materials Chemistry, 13 (4), pp. 844-851.

22. *Jordanova, N.*, Henry, B., Jordanova, D., Ivanov, Z., Dimov, D., Bergerat, F., 2001. Paleo magnetism in Northwestern Bulgaria: geological implications of widespread remagnetization. Tectonophysics, 343, 1-2, 79-92. *IF=2.9*

Цитира се в:

1. Calvín, P., Villalaín, J.J., Casas-Sainz, A.M., Tauxe, L., Torres-López, S. pySCu: A new python code for analyzing remagnetizations directions by means of small circle utilities. (2017) Computers and Geosciences, 109, pp. 32-42.
2. Grabowski, J., Lakova, I., Petrova, S., Stoykova, K., Ivanova, D., Wójcik-Tabol, P., Sobień, K., Schnabl, P. Paleomagnetism and integrated stratigraphy of the Upper Berriasian hemipelagic succession in the Barlya section Western Balkan, Bulgaria: Implications for lithogenic input and paleoredox variations. (2016) Palaeogeography, Palaeoclimatology, Palaeoecology, 461, pp. 156-177.
3. Font, E., Rapalini, A.E., Tomezzoli, R.N., Trindade, R.I.F., Tohver, E. Episodic remagnetizations related to tectonic events and their consequences for the South America polar wander path. (2012) Geological Society Special Publication, 371 (1), pp. 55-87.
4. Grabowski, J., Michalík, J., Szaniawski, R., Grotek, I. Synthrusting remagnetization of the Krížna nappe: High resolution palaeo- and rock magnetic study in the Strážovce section, Strážovské vrchy Mts, Central West Carpathians (Slovakia). (2009) Acta Geologica Polonica, 59 (2), pp. 137-155.
5. van Hinsbergen, D.J.J., Dupont-Nivet, G., Nakov, R., Oud, K., Panaiotu, C. No significant post-Eocene rotation of the Moesian Platform and Rhodope (Bulgaria): Implications for the kinematic evolution of the Carpathian and Aegean arcs. (2008) Earth and Planetary Science Letters, 273 (3-4), pp. 345-358.
6. Waldhör, M., Appel, E. Intersections of remanence small circles: New tools to improve data processing and interpretation in palaeomagnetism. (2006) Geophysical Journal International, 166 (1), pp. 33-45.
7. Zegers, T.E., Dekkers, M.J., Bailly, S. Late Carboniferous to Permian remagnetization of Devonian limestones in the Ardennes: Role of temperature, fluids, and deformation. (2003) Journal of Geophysical Research: Solid Earth, 108 (7), pp. EPM 5-1 - 5-19**.**

23. Kostadinova, M., *Jordanova, N.*, Kovacheva, M., Gigov, V., 2001. Rock-magnetic properties of baked clay from Early Bronze Age site Dubene-Sarovka (Karlovo district). Bulgarian Geophysical Journal, v. 27, 1-4, 72-84.

24. Kovacheva, M., *Jordanova, N.*, Kostadinova, M., Karloukovski, V., Gigov, V., Gergova, D., Genov, D., 2002. Summary results of the archaeomagnetic studies of the Bronze age tell Djadovo, district of Sliven, South Bulgaria. Archaeologia Bulgarica, VI, No1, 1-17. *SJR=0.151*

25. Wehland, F., Panaiotu, C., Appel, E., Hoffmann, V., Jordanova, D., *Jordanova, N.*, Denut, I., 2002. The dam breakage of Baia Mare – a pilot study of magnetic screening. Phys. Chem. Earth., 27, 1371-1376. *IF=1.197*

Цитира се в:

1. Lorenzo, S., Louis-Guilhem, R., Ottone, S., Rasool, M., Yann, G. Development of a method to assess the susceptibility of tailings dams' failure due to overtopping. (2020) Proceedings of the 29th European Safety and Reliability Conference, ESREL 2019, pp. 2064-2071.
2. Mohamed, K.J., Andrade, A., Rey, D., Rubio, B., Bernabeu, A.M. A kinetic model to explain the grain size and organic matter content dependence of magnetic susceptibility in transitional marine environments: A case study in Ria de Muros (NW Iberia). (2017) Geochemistry, Geophysics, Geosystems, 18 (6), pp. 2200-2215.
3. Guo, G.-S., Li, Y.-T., Zhang, Y., Long, C.-D. The study of electric and magnetic response on polluted soil at waste landfill. (2015) Zhongguo Huanjing Kexue/China Environmental Science, 35 (9), pp. 2737-2744.
4. Štirbanovic, Z., Miljanovic, I., MarkoviC, Z. Application of rough set theory for choosing optimal location for flotation tailings dump. (2013) Archives of Mining Sciences, 58 (3), pp. 893-900.
5. Győri Z., Boros N., Szabó E. and Sipos P., Long term effect of metal pollution in the catchment area of Tisza River , 2013, Eurasian Journal of Soil Science, 2, no. 1, 7-11
6. Szabó, E., Sipos, P., Kovács, B., Andrási, D., Gyori, Z. Recent results to the evaluation of the long-term effects of metal pollution in Tisza river. (2012) Acta Phytopathologica et Entomologica Hungarica, 47 (2), pp. 355-362.
7. Ani, E.-C., Cristea, V.M., Agachi, P.S. Mathematical models to support pollution counteraction in case of accidents. (2012) Environmental Engineering and Management Journal, 11 (1), pp. 13-20.
8. Sakan, S., Dordević, D., Dević, G., Relić, D., Andelković, I., Duričić, J. A study of trace element contamination in river sediments in Serbia using microwave-assisted aqua regia digestion and multivariate statistical analysis. (2011) Microchemical Journal, 99 (2), pp. 492-502.
9. Ani, E.-C., Avramenko, Y., Kraslawski, A., Agachi, P.S. Identification of pollution sources in the Romanian Somes River using graphical analysis of concentration profiles. (2011) Asia-Pacific Journal of Chemical Engineering, 6 (5), pp. 801-812.
10. Bird, G., Brewer, P.A., Macklin, M.G., Nikolova, M., Kotsev, T., Mollov, M., Swain, C. Pb isotope evidence for contaminant-metal dispersal in an international river system: The lower Danube catchment, Eastern Europe. (2010) Applied Geochemistry, 25 (7), pp. 1070-1084.
11. Duan, X.M., Hu, S.Y., Yan, H.T., Blaha, U., Roesler, W., Appel, E., Sun, W.H. Relationship between magnetic parameters and heavy element contents of arable soil around a steel company, Nanjing. (2010) Science China Earth Sciences, 53 (3), pp. 411-418.
12. Bird, G., Brewer, P.A., Macklin, M.G. Management of the Danube drainage basin: Implications of contaminantmetal dispersal for the implementation of the EU Water Framework Directive. (2010) International Journal of River Basin Management, 8 (1), pp. 63-78.
13. Ramasamy, V., Suresh, G., Venkatachalapathy, R., Ponnusamy, V., Meenakshisundaram, V. Magnetic susceptibility and radiological hazardous nature of the river sediments - Spectroscopical approach. (2010) Acta Physica Polonica A, 118 (4), pp. 701-711.
14. Dold, B. Sustainability in metal mining: From exploration, over processing to mine waste management. (2008) Reviews in Environmental Science and Biotechnology, 7 (4 SPEC. ISS.), pp. 275-285.
15. Yang, T., Liu, Q., Chan, L., Liu, Z. Magnetic signature of heavy metals pollution of sediments: Case study from the East Lake in Wuhan, China. (2007) Environmental Geology, 52 (8), pp. 1639-1650.
16. Fletcher, D.E., Hopkins, W.A., Saldaña, T., Baionno, J.A., Arribas, C., Standora, M.M., Fernández-Delgado, C. Geckos as indicators of mining pollution. (2006) Environmental Toxicology and Chemistry, 25 (9), pp. 2432-2445.
17. Schmidt, A., Yarnold, R., Hill, M., Ashmore, M. Magnetic susceptibility as proxy for heavy metal pollution: A site study. (2005) Journal of Geochemical Exploration, 85 (3), pp. 109-117.
18. Oreščanin, V., Lulić, S., Medunić, G., Mikelić, L. Granulometric and chemical composition of the Danube river sediments, Batina village, Croatia. (2005) Geologia Croatica, 58 (2), pp. 185-194.
19. YAN, H.-T., HU S.-Y., Appel, E., Hoffmann, V., ZHU, Y.-X. Magnetic responses to vertical migration of fly ash in soil. 2005. CHINESE JOURNAL OF GEOPHYSICS, 48, No.6, 1462～1469
20. Osán, J., Török, S., Alföldy, B., Falkenberg, G. Characterization of anthropogenic sediment particles after a transboundary water pollution of river Tisza using synchrotron radiation. (2004) Spectrochimica Acta - Part B Atomic Spectroscopy, 59 (5), pp. 701-708.

26. Schibler, L., Boyko, T., Ferdyn, M., Gajda, B., Holl, S., *Jordanova, N*., Roesler, W. and MAGPROX team, 2001. Topsoil magnetic susceptibility mapping: data reproducibility and compatibility, measurement strategy. Stud. Geophys. Geod., 46, 43-57. *IF=0.9*

Цитира се в:

1. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231-251
2. Moritsuka, N., Matsuoka, K., Katsura, K., Sano, S., Yanai, J. Laboratory and field measurement of magnetic susceptibility of Japanese agricultural soils for rapid soil assessment. (2021) Geoderma, 393, art. no. 115013, .
3. Sabikoglu, I. Statistical analysis and susceptibility properties of heavy/light metal pollution in surface seawater of Izmir Bay. (2021) Environmental Science and Pollution Research, .
4. Golden, N., Zhang, C., Potito, A., Gibson, P.J., Bargary, N., Morrison, L. Use of ordinary cokriging with magnetic susceptibility for mapping lead concentrations in soils of an urban contaminated site. (2020) Journal of Soils and Sediments, 20 (3), pp. 1357-1370.
5. Declercq, Y., Samson, R., Castanheiro, A., Spassov, S., Tack, F.M.G., Van De Vijver, E., De Smedt, P. Evaluating the potential of topsoil magnetic pollution mapping across different land use classes. (2019) Science of the Total Environment, 685, pp. 345-356.
6. Rai, A.K., Singh, A.K., Pati, J.K., Gupta, S., Chakarvorty, M., Niyogi, A., Pandey, A., Dwivedi, M.M., Pandey, K., Prakash, K. Assessment of topsoil contamination in an urbanized interfluve region of Indo-Gangetic Plains (IGP) using magnetic measurements and spectroscopic techniques. (2019) Environmental Monitoring and Assessment, 191 (6), art. no. 403, .
7. Ale, P.T., Oladunjoye, M.A. Magnetic susceptibility studies of heavy metal pollution in soils around metal-smelting plants in some parts of southwestern Nigeria. (2019) Proceedings of the Symposium on the Application of Geophyics to Engineering and Environmental Problems, SAGEEP, 2019-March, pp. 212-218.
8. Luelmo-Lautenschlaeger, R., Pérez-Díaz, S., Blarquez, O., Morales-Molino, C., López-Sáez, J.A. The toledo mountains: A resilient landscape and a landscape for resilience? hazards and strategies in a mid-elevation mountain region in central Spain. (2019) Quaternary, 2 (4), art. no. 35, .
9. Wojas, A. The magnetic susceptibility of soils in Krakow, southern Poland. (2017) Acta Geophysica, 65 (3), pp. 453-463.
10. Reshetnikov, M.V., Yeremin, V.N., Paltsev, I.S., Sheshnev, A.S. Petromagnetic Characteristics of Soils in the Affected Area of Stepnovskiy Underground Gas Storage Facility (Saratov Region, Russia). (2017) Water, Air, and Soil Pollution, 228 (4), art. no. 140, .
11. Kawasaki, K., Horikawa, K., Sakai, H. Magnetic biomonitoring of roadside pollution in the restricted Midagahara area of Mt. Tateyama, Toyama, Japan. (2017) Environmental Science and Pollution Research, 24 (11), pp. 10313-10325.
12. Robles-López, S., Luelmo-Lautenschlaeger, R., Pérez-Díaz, S., Abel-Schaad, D., Alba-Sánchez, F., Ruiz-Alonso, M., López-Sáez, J.A. Vulnerability and resilience of high-mountain pine forests of the gredos range (Ávila, Spanish central system): Two thousand years of socio-ecological dynamics [Vulnerabilidad y resiliencia de los pinares de alta montaña de la Sierra de Gredos (Ávila, sistema central): Dos mil años de dinámica socioecológica]. (2017) Cuaternario y Geomorfologia, 31 (3-4), pp. 51-72.
13. Golden, N., Zhang, C., Potito, A.P., Gibson, P.J., Bargary, N., Morrison, L. Impact of grass cover on the magnetic susceptibility measurements for assessing metal contamination in urban topsoil. (2017) Environmental Research, 155, pp. 294-306.
14. Yurtseven-Sandker, A., Cioppa, M.T. Tracking the Historical Traces of Soil Pollution from an Iron-Sintering Plant by Using Magnetic Susceptibility in Wawa, Ontario, Canada. (2016) Water, Air, and Soil Pollution, 227 (12), art. no. 434, .
15. Magiera, T., Mendakiewicz, M., Szuszkiewicz, M., Jabłońska, M., Chróst, L. Technogenic magnetic particles in soils as evidence of historical mining and smelting activity: A case of the Brynica River Valley, Poland. (2016) Science of the Total Environment, 566-567, pp. 536-551.
16. Gargiulo, J.D., Chaparro, M.A.E. Particulate matter pollution from a small coke-burning factory: soil magnetic screening and its relation with a simple atmospheric dispersion model. (2016) Studia Geophysica et Geodaetica, 60 (2), pp. 316-331.
17. Magiera, T., Parzentny, H., Łukasik, A. The influence of the wind direction and plants on the variability of topsoil magnetic susceptibility in industrial and urban areas of southern Poland. (2016) Environmental Earth Sciences, 75 (3), art. no. 213, pp. 1-11.

18. Sokołowska, Z., Alekseev, A., Skic, K., Brzezińska, M. Impact of wastewater application on magnetic susceptibility in Terric Histosol soil. (2016) International Agrophysics, 30 (1), pp. 89-94.
19. Yurtseven-Sandker, A., Cioppa, M.T. Magnetic susceptibility mapping of the Sudbury area, Ontario, Canada: Evaluating pollution distributions decades later. (2016) Canadian Journal of Earth Sciences, 53 (5), pp. 466-484.
20. Magiera, T., Parzentny, H., Róg, L., Chybiorz, R., Wawer, M. Spatial variation of soil magnetic susceptibility in relation to different emission sources in southern Poland. (2015) Geoderma, 255-256, pp. 94-103.
21. Zawadzki, J., Fabijańczyk, P., Magiera, T., Rachwał, M. Micro-scale spatial correlation of magnetic susceptibility in soil profile in forest located in an industrial area. (2015) Geoderma, 249-250, pp. 61-68.
22. Zawadzki, J., Fabijańczyk, P., Magiera, T., Rachwał, M. Geostatistical microscale study of magnetic susceptibility in soil profile and magnetic indicators of potential soil pollution. (2015) Water, Air, and Soil Pollution, 226 (5), art. no. 142, .
23. Kapička, A., Grison, H., Petrovský, E., Jakšík, O., Kodešová, R. Use of magnetic susceptibility for evaluation of soil erosion at two locations with different soil types. (2015) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2 (3), pp. 417-424.
24. Quijano, L., Chaparro, M.A.E., Marié, D.C., Gaspar, L., Navas, A. Relevant magnetic and soil parameters as potential indicators of soil conservation status of Mediterranean agroecosystems. (2014) Geophysical Journal International, 198 (3), pp. 1805-1817.
25. Guedes, A., Murray, R.C., Ribeiro, H., Sant'Ovaia, H., Valentim, B., Rodrigues, A., Leal, S., Noronha, F. The potential application of magnetic susceptibility as a technique for soil forensic examinations. (2013) Geological Society Special Publication, 384 (1), pp. 65-73.
26. Lourenço, A.M., Rocha, F., Gomes, C.R. Relationships between magnetic parameters, chemical composition and clay minerals of topsoils near Coimbra, central Portugal. (2012) Natural Hazards and Earth System Science, 12 (8), pp. 2545-2555.
27. Zawadzki, J., Magiera, T., Fabijańczyk, P., Kusza, G. Geostatistical 3-dimensional integration of measurements of soil magnetic susceptibility. (2012) Environmental Monitoring and Assessment, 184 (5), pp. 3267-3278.
28. Kucer, N., Sabikoglu, I., Can, N. Measurements of environmental pollution in industrial area using magnetic susceptibility method. (2012) Acta Physica Polonica A, 121 (1), pp. 20-22.
29. Viscarra Rossel, R.A., Adamchuk, V.I., Sudduth, K.A., McKenzie, N.J., Lobsey, C. Proximal Soil Sensing. An Effective Approach for Soil Measurements in Space and Time. (2011) Advances in Agronomy, 113, pp. 237-282.
30. Wang, B., Xia, D., Yu, Y., Jia, J., Tian, S., Liu, X. Use of environmental magnetism to monitor pollution in the river sediment of an urban area. (2011) Huanjing Kexue Xuebao/Acta Scientiae Circumstantiae, 31 (9), pp. 1979-1991.
31. Bidegain, J.C., Chaparro, M.A.E., Marié, D.C., Jurado, S. Air pollution caused by manufacturing coal from petroleum coke in Argentina. (2011) Environmental Earth Sciences, 62 (4), pp. 847-855.
32. Magiera, T., Jankowski, M., Switoniak, M., Rachwal, M. Study of forest soils on an area of magnetic and geochemical anomaly in north-eastern Poland. (2011) Geoderma, 160 (3-4), pp. 559-568.
33. Viscarra Rossel, R.A., Adamchuk, V.I., Sudduth, K.A., McKenzie, N.J., Lobsey, C. Proximal Soil Sensing: An Effective Approach for Soil Measurements in Space and Time. (2011) Advances in Agronomy, 113, pp. 243-291.
34. Fürst, C., Lorz, C., Zirlewagen, D., Makeschin, F. Testing the indicative value of magnetic susceptibility measurements for concluding on site potentials and risks provoked by fly ash deposition. (2010) Environmental Management, 46 (6), pp. 894-907.
35. D'Emilio, M., Caggiano, R., Coppola, R., MacChiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: The case study of S. Nicola di Melfi. (2010) Environmental Monitoring and Assessment, 169 (1-4), pp. 619-630.
36. Fürst, C., Zirlewagen, D., Lorz, C. Regionalization of magnetic susceptibility measurements based on a multiple regression approach. (2010) Water, Air, and Soil Pollution, 208 (1-4), pp. 129-151.
37. Canbay, M. Investigation of the relation between heavy metal contamination of soil and its magnetic susceptibility. (2010) International Journal of Physical Sciences, 5 (5), pp. 393-400.
38. Chlupáčová, M., Hanák, J., Müller, P. Magnetic susceptibility of cambisol profiles in the vicinity of the Vír dam, Czech Republic. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 153-184.
39. Fürst, C., Lorz, C., Zirlewagen, D., Makeschin, F. Mapping of ferrimagnetic susceptibility for screening of fly ash deposition. (2010) WIT Transactions on Ecology and the Environment, 136, pp. 379-393.
40. Li, P., Qiang, X.-K., Xu, X.-W., Li, X.-B., Sun, Y.-F. Magnetic properties of street dust: A case in Xi'an city, Shaanxi province, China. (2010) Acta Geophysica Sinica, 53 (1), pp. 156-163.

41. Canbay, M., Aydin, A., Kurtulus, C. Magnetic susceptibility and heavy-metal contamination in topsoils along the Izmit Gulf coastal area and IZAYTAS (Turkey). (2010) Journal of Applied Geophysics, 70 (1), pp. 46-57.
42. Zawadzki, J., Magiera, T., Fabijańczyk, P. Geostatistical evaluation of magnetic indicators of forest soil contamination with heavy metals. (2009) Studia Geophysica et Geodaetica, 53 (1), pp. 133-149.
43. Magiera, T., Kapička, A., Petrovský, E., Strzyszcz, Z., Fialová, H., Rachwał, M. Magnetic anomalies of forest soils in the Upper Silesia-Northern Moravia region. (2008) Environmental Pollution, 156 (3), pp. 618-627.
44. Chaparro, M.A.E., Sinito, A.M., Ramasamy, V., Marinelli, C., Chaparro, M.A.E., Mullainathan, S., Murugesan, S. Magnetic measurements and pollutants of sediments from Cauvery and Palaru River, India. (2008) Environmental Geology, 56 (2), pp. 425-437.
45. Kapička, A., Petrovský, E., Fialová, H., Podrázský, V., Dvořák, I. High resolution mapping of anthropogenic pollution in the Giant Mountains National Park using soil magnetometry. (2008) Studia Geophysica et Geodaetica, 52 (2), pp. 271-284.
46. Sharma, A.P., Tripathi, B.D. Magnetic mapping of fly-ash pollution and heavy metals from soil samples around a point source in a dry tropical environment. (2008) Environmental Monitoring and Assessment, 138 (1-3), pp. 31-39.
47. Zawadzki, J., Fabijańczyk, P., Magiera, T. The influence of forest stand and organic horizon development on soil surface measurement of magnetic susceptibility. (2007) Polish Journal of Soil Science, 40 (2), pp. 113-124.
48. North, R.E., Simms, J.E. Determination of soil magnetic susceptibility from electromagnetic induction measurements. (2007) Proceedings of the Symposium on the Application of Geophyics to Engineering and Environmental Problems, SAGEEP, 1, pp. 253-264.
49. Zawadzki, J., Fabijańczyk, P. Use of variograms for field magnetometry analysis in Upper Silesia Industrial Region. (2007) Studia Geophysica et Geodaetica, 51 (4), pp. 535-550.
50. Magiera, T., Strzyszcz, Z., Rachwal, M. Mapping particulate pollution loads using soil magnetometry in urban forests in the Upper Silesia Industrial Region, Poland. (2007) Forest Ecology and Management, 248 (1-2), pp. 36-42.
51. Magiera, T., Zawadzki, J. Using of high-resolution topsoil magnetic screening for assessment of dust deposition: Comparison of forest and arable soil datasets. (2007) Environmental Monitoring and Assessment, 125 (1-3), pp. 19-28.
52. D'Emilio, M., Chianese, D., Coppola, R., Macchiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: Development of experimental protocols for field surveys. (2007) Environmental Monitoring and Assessment, 125 (1-3), pp. 137-146.
53. Maier, G., Scholger, R., Schön, J. The influence of soil moisture on magnetic susceptibility measurements. (2006) Journal of Applied Geophysics, 59 (2), pp. 162-175.
54. Magiera, T., Strzyszcz, Z., Kapicka, A., Petrovsky, E. Discrimination of lithogenic and anthropogenic influences on topsoil magnetic susceptibility in Central Europe. (2006) Geoderma, 130 (3-4), pp. 299-311.
55. Chianese, D., D'Emilio, M., Bavusi, M., Lapenna, V., Macchiato, M. Magnetic and ground probing radar measurements for soil pollution mapping in the industrial area of Val Basento (Basilicata Region, Southern Italy): A case study. (2006) Environmental Geology, 49 (3), pp. 389-404.
56. Chaparro, M.A.E., Gogorza, C.S.G., Chaparro, M.A.E., Irurzun, M.A., Sinito, A.M. Review of magnetism and heavy metal pollution studies of various environments in Argentina. (2006) Earth, Planets and Space, 58 (10), pp. 1411-1422.
57. Park, C.B. Shear-wave velocity (VS) profiling by surface wave (MASW) method. (2005) Proceedings of the Symposium on the Application of Geophyics to Engineering and Environmental Problems, SAGEEP, 1, pp. 656-657.
58. Chaparro, M.A.E., Lirio, J.M., Nuñez, H., Gogorza, C.S.G., Sinito, A.M. Preliminary magnetic studies of lagoon and stream sediments from Chascomús Area (Argentina) - Magnetic parameters as indicators of heavy metal pollution and some results of using an experimental method to separate magnetic phases. (2005) Environmental Geology, 49 (1), pp. 30-43.
59. Jordanova, D., Hoffmann, V., Fehr, K.T. Integrated study of single anthropogenic particles - Magnetic and environmental implications. (2004) Environmental Chemistry, 1 (1), pp. 31-34.
60. Maier, G., Scholger, R. Demonstration of connection between pollutant dispersal and atmospheric boundary layers by use of magnetic susceptibility mapping, St. Jacob (Austria). (2004) Physics and Chemistry of the Earth, 29 (13-14 SPEC. ISS.), pp. 997-1009.
61. Ju, Y.-T., Wang, S.-H., Zhang, Q.-P., Wang, L., Deng, C.-L. Mineral magnetic properties of polluted topsoils: A case study in Sanming City, Fujian Province, Southeast China. (2004) Acta Geophysica Sinica, 47 (2), pp. 282-288.

62. Petrovsky, E., Hulka, Z., Kapicka, A. A new tool for in situ measurements of the vertical distribution of magnetic susceptibility in soils as basis for mapping deposited dust. (2004) Environmental Technology, 25 (9), pp. 1021-1029.
63. Mathé, V., Lévêque, F. High resolution magnetic survey for soil monitoring: Detection of drainage and soil tillage effects. (2003) Earth and Planetary Science Letters, 212 (1-2), pp. 241-251.
64. Hu, S., Wang, Y., Appel, E., Zhu, Y., Hoffmann, V., Shi, C., Yu, Y. Magnetic responses to acidification in Lake Yangzonghai, SW China. (2003) Physics and Chemistry of the Earth, 28 (16-19), pp. 711-717.

27. Jordanova, N., Kovacheva, M., Hedley, I., Kostadinova, M., 2003. On the suitability of baked clay for archaeomagnetic studies as deduced from detailed rock-magnetic studies. Geophysical Journal International, 153, 146-158. *IF=2.8*

Цитира се в:

1. Hernández-Cardona, A., Alva-Valdivia, L.M., Cruz-y-Cruz, T., Pérez-García, H. Temperature- and frequency- dependent magnetic susceptibility on archaeological ceramics of the Tlatilca culture (Mexico City): A pilot study towards an archaeointensity approach. (2023) Journal of Archaeological Science: Reports, 52,104257. 2
2. Zhao, Y., Sun, Q., Li, W., (...), Meng, Y., Wang, X. Effect of high temperatures on the magnetic susceptibility of loess. (2022) Environmental Science and Pollution Research, 29(36), pp. 54309-54317
3. Sánchez-González, M., Israde Alcántara, I.,Julio Morales, J., Goguitchaichvili, A. Paleoenvironmental evolution of the Agostitlán diatomite, Michoacán, during the Pleistocene-Holocene transition. Boletín de la Sociedad Geológica Mexicana. 2021, Vol. 73 Issue 1, p1-22
4. Kentsa, E., Abi, C.F., Ngomo, H.M., Ndi, J.N., Awad, S., Ketcha Mbadcam, J. Characterization of Akilbenza clay from Cameroon and its performance for the removal of copper(II) ions from aqueous solution. (2020) Environmental Science and Pollution Research, 27 (29), pp. 36487-36497.
5. Deenadayalan, K., Gawali, P.B., Lakshmi, B.V., Rai, M. Rock-magnetic and archaeomagnetic investigations on archaeological artefacts from Maharashtra, India. (2020) Geological Society Special Publication, 497 (1), pp. 9-26.
6. Tema, E., Ferrara, E. Magnetic measurements as indicator of the equivalent firing temperature of ancient baked clays: New results, limits and cautions. (2019) Journal of Cultural Heritage, 35, pp. 64-75.
7. Gómez-Paccard, M., Chauvin, A., Albeck, M.E., Zaburlín, M.A., Basso, D.M., Pavón-Carrasco, F.J., Osete, M.L., Campuzano, S.A. New archeointensity data from NW Argentina (1300–1500 CE). (2019) Physics of the Earth and Planetary Interiors, 286, pp. 92-100.
8. Mohamed Asanulla, R., Radhakrishna, T., Venkatachalapathy, R., Manoharan, C., Soumya, G.S., Sutharsan, P. Rock magnetism and geomagnetic field strength of the rare Iron Age (300–500 BC) artifacts from Tamilnadu: The first Virtual Axial Dipole Moment determination from India. (2017) GeoResJ, 14, pp. 135-144.
9. Vázquez C., G., Solís C., B., Solleiro-Rebolledo, E., Goguitchaichvili, A., Morales C., J.J. Mineral magnetic properties of an alluvial paleosol sequence in the Maya Lowlands: Late Pleistocene–Holocene paleoclimatic implications. (2016) Quaternary International, 418, pp. 10-21.
10. Kondopoulou, D., Aidona, E., Ioannidis, N., Polymeris, G.S., Tsolakis, S. Archaeomagnetic study and thermoluminescence dating of Protobyzantine kilns (Megali Kypsa, North Greece). (2015) Journal of Archaeological Science: Reports, 2, pp. 156-168.
11. Ghilardi, M., Cordier, S., Carozza, J.-M., Psomiadis, D., Guilaine, J., Zomeni, Z., Demory, F., Delanghe-Sabatier, D., Vella, M.-A., Bony, G., Morhange, C. The holocene fluvial history of the tremithos river (South central cyprus) and its linkage to archaeological records. (2015) Environmental Archaeology, 20 (2), pp. 184-201.
12. Nordiana, M.M., Saad, S., Saidin, M., Kamaruddin, N.A. Archaeomagnetic studies of anomaly at Sungai Batu, Lembah Bujang, Kedah (Malaysia). (2014) Electronic Journal of Geotechnical Engineering, 19 J, pp. 2315-2323.
13. De Marco, E., Tema, E., Lanos, P., Kondopoulou, D. An updated catalogue of Greek archaeomagnetic data for the last 4500 years and a directional secular variation curve. (2014) Studia Geophysica et Geodaetica, 58 (1), pp. 121-147.
14. Kondopoulou, D., Zananiri, I., Rathossi, C., De Marco, E., Spatharas, V., Hasaki, E. An archaeometric and archaeological approach to Hellenistic–Early Roman ceramic workshops in Greece: Contribution to dating. (2014) Radiocarbon, 56 (4), pp. S27-S38.
15. Hammond, M. L. PhD Thesis. The use of archaeomagnetism to answer archaeological and geomagnetic questions with particular focus on determination of the strength of the geomagnetic field in the middle east during the bronze age. University of Liverpool, 2014.

16. Venkatachalapathy, R., Asanulla, R.M., Manoharan, C., Radhakrishna, T. Rock magnetic and geomagnetic field intensity studies on Megalithic archaeological pottery samples from Tamilnadu, India. (2013) Quaternary International, 298, pp. 57-67.
17. Catanzariti, G., Gómez-Paccard, M., Mcintosh, G., Pavón-Carrasco, F.J., Chauvin, A., Osete, M.L. New archaeomagnetic data recovered from the study of Roman and Visigothic remains from central Spain (3rd-7th centuries). (2012) Geophysical Journal International, 188 (3), pp. 979-993.
18. Rivas Ortiz, J.F., Guerrero, B.O., Rebolledo, E.S., Sedov, S., Pérez, S.S. Magnetic mineralogy of volcanic soils in a toposequence from Teotihuacan Valley [Mineralogía magnética de suelos volcánicos en una toposecuencia del valle de teotihuacán]. (2012) Boletin de la Sociedad Geologica Mexicana, 64 (1), pp. 1-20.
19. Carrancho, Á., Villalaín, J.J. Different mechanisms of magnetisation recorded in experimental fires: Archaeomagnetic implications. (2011) Earth and Planetary Science Letters, 312 (1-2), pp. 176-187.
20. Spatharas, V., Kondopoulou, D., Aidona, E., Efthimiadis, K.G. New magnetic mineralogy and archaeointensity results from Greek kilns and baked clays. (2011) Studia Geophysica et Geodaetica, 55 (1), pp. 131-157.
21. Carrancho, Á., Villalaín, J.J., Angelucci, D.E., Dekkers, M.J., Vallverdú, J., Vergès, J.M. Rock-magnetic analyses as a tool to investigate archaeological fired sediments: A case study of mirador cave (Sierra de Atapuerca, Spain). (2009) Geophysical Journal International, 179 (1), pp. 79-96.
22. De Marco, E., Spatharas, V., Gómez-Paccard, M., Chauvin, A., Kondopoulou, D. New archaeointensity results from archaeological sites and variation of the geomagnetic field intensity for the last 7 millennia in Greece. (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 578-595.
23. De Marco, E., Spassov, S., Kondopoulou, D., Zananiri, I., Gerofoka, E. Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 481-495.
24. Spassov, S., Hus, J. Estimating baking temperatures in a Roman pottery kiln by rock magnetic properties: Implications of thermochemical alteration on archaeointensity determinations. (2006) Geophysical Journal International, 167 (2), pp. 592-604.
25. Casas, Ll., Shaw, J., Gich, M., Share, J.A. High-quality microwave archaeointensity determinations from an early 18th century AD English brick kiln. (2005) Geophysical Journal International, 161 (3), pp. 653-661.
26. Keller, R., Masch, L., Pohl, J., Schmidbauer, E. Mineralogy, 57Fe Mössbauer spectra and magnetization of chalcolithic pottery. (2005) Physics and Chemistry of Minerals, 32 (3), pp. 165-174.
27. Lengyel, S., Sternberg, R. Historic archaeomagnetic results from the eastern U.S., and comparison with secular variation models. (2004) Geophysical Monograph Series, 145, pp. 267-277.

28. Jordanova, N., Jordanova, D., Veneva, L., Yorova, K., Petrovsky, E., 2003. Magnetic response of soils and vegetation to heavy metal pollution – a case study. Environmental Science and Technology, 37, 4417-4424. *IF=11.4*

Цитира се в:

1. Bondar, K.M., Tsiupa, I.V., Sachko, A.V., Nasiedkin, I.I. Pre-war situation with soil pollution in the city of Zaporizhzhia: metallurgical industry center in Ukraine—characterized by magnetic, geochemical and microscopy methods. (2024) Acta Geophysica, 72(2), pp. 1355-1375. 2
2. Zawadzki, J., Fabijańczyk, P., Magiera, T. Using geostatistical methods in soil magnetometry: a review. (2024) Journal of Soils and Sediments, Article in Press. 3
3. Ramesh, D.M., Mudgal, T.R., Kataria, K.K. An application of magnetic and geochemical techniques to determine pollution load in leafy vegetables in the industrial area (Book Chapter). (2023) Handbook of Research on AI-Equipped IoT Applications in High-Tech Agriculture, pp. 313-325. 4
4. Ma, X., Xia, D., Chen, P., Yu, Q., Liu, X. Heavy Metals Distribution, Magnetic Properties, Source Apportionment, and Potential Risks in Urban Street Dust of Northwest China. (2023). Water, Air, and Soil Pollution, 234(2),133.
5. Qiao, Q., Piper, J.D.A., Lv, Z. Multivariate Analysis of Magnetic Parameters and Trace Metals in Atmospheric Dustfall and Its Environmental Implications in Northern China. (2022) Minerals 12(12),1598.
6. Li, Y., Li, R., Zhu, Z., (...), Qi, Y., Yang, Z. Electrochemiluminescence detection of Cu2+ ions by nitrogen-doped carbon quantum dots and zinc oxide composites . (2022) Microchemical Journal, 183,108073.

7. Delbecque, N., Van Ranst, E., Dondeyne, S., (...), Vermeir, P., Verdoodt, A. Geochemical fingerprinting and magnetic susceptibility to unravel the heterogeneous composition of urban soils. (2022) Science of the Total Environment, 847,157502,
8. Meite, F., Hauet, T., Billard, P., (...), Abdelmoula, M., Zegeye, A. Insight into the magnetic properties of Pb-dopped iron oxide nanoparticles during Fe(III) bio-reduction by Shewanella oneidensis MR-1. (2022) Chemical Geology, 606,120904.
9. Santiwat, T., Sornkaew, N., Mayurachayakul, P., (...), Sukwattanasinitt, M., Niamnont, N. A new triphenylamine-pyrenyl salicylic acid fluorophore for the detection of highly selective Cu(II) ions in an aqueous media at the picomolar level. (2022) Journal of Molecular Structure, 1259,132735.
10. Kadam, V.B., Tejankar, A.V., Venkateshwarlu, M., Maity, R., Sirsat, S.K. Magnetic Properties of Urban Topsoil from Aurangabad (India)—Implications to Industrial Pollution and Road Traffic. (2022) Water, Air, and Soil Pollution, 233(7),258.
11. Murthuza, K.M., Surumbarkuzhali, N., Narasimhan, C.L., (...), Ganesh, D., Ravisankar, R. Magnetic and soil parameters as a potential indicator of soil pollution in the district of Tiruvannamalai, Tamil Nadu, India. (2022) Environmental Earth Sciences, 81(3),75.
12. Ivanov, M.A., Tyufekchiev, K.A. Soil Magnetic Susceptibility Properties as Indicators of Heavy Metals Pollution in "Bobov Dol" TPP Area (Bulgaria). (2022) Ecologia Balkanica, 14(1), pp. 103-111.
13. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231-251.
14. Cejudo, R., Bautista, F., Goguitchaichvili, A., Cervantes-Solano, M.A. Magnetic parameters and concentration of heavy metals in urban dust of Mexico City | [Parámetros magnéticos y concentración de metales pesados en polvo urbano de la Ciudad de México]. (2022) Boletin de la Sociedad Geologica Mexicana, 74(1),A060821.
15. Banerjee, S., Kumar, A., Rana, V., Maity, S., Srivastava, H.B. Magnetic susceptibility mapping of roadside pollution in the Banaras Hindu University campus, Varanasi, India. (2021) Current Science, 121(8), pp. 1046-1055
16. Wang, P., Xue, J., Zhu, Z. Comparison of heavy metal bioaccessibility between street dust and beach sediment: Particle size effect and environmental magnetism response. (2021) Science of the Total Environment, 777, art. no. 146081, .
17. Magiera, T., Górka-Kostrubiec, B., Szumiata, T., Wawer, M. Technogenic magnetic particles from steel metallurgy and iron mining in topsoil: Indicative characteristic by magnetic parameters and Mössbauer spectra. (2021) Science of the Total Environment, 775, art. no. 145605, .
18. Mokarram, M., Pourghasemi, H.R., Zhang, H. Predicting non-carcinogenic hazard quotients of heavy metals in pepper (Capsicum annum L.) utilizing electromagnetic waves. (2020) Frontiers of Environmental Science and Engineering, 14 (6), art. no. 114, .
19. Declercq, Y., Samson, R., Van De Vijver, E., De Grave, J., Tack, F.M.G., De Smedt, P. A multi-proxy magnetic approach for monitoring large-scale airborne pollution impact. (2020) Science of the Total Environment, 743, art. no. 140718, .
20. Salim, Z., Khan, M.U., Malik, R.N. Concentration, distribution and association of heavy metals in Multi-matrix samples of Himalayan foothill along elevation gradients. (2020) Environmental Earth Sciences, 79 (20), art. no. 479, .
21. Rea-Downing, G., Quirk, B.J., Wagner, C.L., Lippert, P.C. Evergreen Needle Magnetization as a Proxy for Particulate Matter Pollution in Urban Environments. (2020) GeoHealth, 4 (9), art. no. e2020GH000286,
22. Zhu, Z., Li, Z., Wang, S., Bi, X. Magnetic mineral constraint on lead isotope variations of coal fly ash and its implications for source discrimination. (2020) Science of the Total Environment, 713, art. no. 136320, .
23. Abbasi, S., Keshavarzi, B., Moore, F., Hopke, P.K., Kelly, F.J., Dominguez, A.O. Elemental and magnetic analyses, source identification, and oxidative potential of airborne, passive, and street dust particles in Asaluyeh County, Iran. (2020) Science of the Total Environment, 707, art. no. 136132, .
24. Golden, N., Zhang, C., Potito, A., Gibson, P.J., Bargary, N., Morrison, L. Use of ordinary cokriging with magnetic susceptibility for mapping lead concentrations in soils of an urban contaminated site. (2020) Journal of Soils and Sediments, 20 (3), pp. 1357-1370.
25. Yu, X., Wang, Y., Lu, S. Tracking the magnetic carriers of heavy metals in contaminated soils based on X-ray microprobe techniques and wavelet transformation. (2020) Journal of Hazardous Materials, 382, art. no. 121114, .
26. Majeed, D.S., Reshetnikov, M.V., Eremin, V.N., Sheshnev, A.S. Concentration of mobile forms of heavy metals and magnetic properties of soils in the town of volsk, saratov region, Russia. (2020) South of Russia: Ecology, Development, 15 (1), pp. 137-144.

27. Maity, R., Venkateshwarlu, M., Mondal, S., Kapawar, M.R., Gain, D., Paul, P. Magnetic and microscopic characterization of anthropogenically produced magnetic particles: a proxy for environmental pollution. (2020) International Journal of Environmental Science and Technology, .
28. Declercq, Y., Samson, R., Castanheiro, A., Spassov, S., Tack, F.M.G., Van De Vijver, E., De Smedt, P. Evaluating the potential of topsoil magnetic pollution mapping across different land use classes. (2019) Science of the Total Environment, 685, pp. 345-356.
29. Deng, H., Chen, X. Magnetic Properties of the Roadside Topsoils in Kanas Scenic Spots, Xinjiang Uygur Autonomous Region, China [新疆喀纳斯景区道路沿线表土环境磁学特征]. (2019) Research of Environmental Sciences, 32 (4), pp. 662-670.
30. Ayoubi, S., Adman, V., Yousefifard, M. Use of magnetic susceptibility to assess metals concentration in soils developed on a range of parent materials. (2019) Ecotoxicology and Environmental Safety, 168, pp. 138-145.
31. Wang, L., Hu, S., Ma, M., Wang, X., Wang, Q., Zhang, Z., Shen, J. Responses of magnetic properties to heavy metal pollution recorded by lacustrine sediments from the Lugu Lake, Southwest China. (2018) Environmental Science and Pollution Research, 25 (26), pp. 26527-26538.
32. Funari, V., Mantovani, L., Vigliotti, L., Tribaudino, M., Dinelli, E., Braga, R. Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. (2018) Science of the Total Environment, 621, pp. 687-696.
33. Rachwał, M., Rybak, J., Rogula-Kozłowska, W. Magnetic susceptibility of spider webs as a proxy of airborne metal pollution. (2018) Environmental Pollution, 234, pp. 543-551.
34. Gwizdała, M., Jeleńska, M., Łęczyński, L. Surface sediments pollution around small shipwrecks (Munin and Abille) in the Gulf of Gdańsk: Magnetic and heavy metals study. (2018) GeoPlanet: Earth and Planetary Sciences, 0 (9783319602127), pp. 37-50.
35. Wang, J., Li, S., Li, H., Qian, X., Li, X., Liu, X., Lu, H., Wang, C., Sun, Y. Trace metals and magnetic particles in PM2.5: Magnetic identification and its implications. (2017) Scientific Reports, 7 (1), art. no. 9865, .
36. Leng, X., Wang, C., Li, H., Qian, X., Wang, J., Sun, Y. Response of magnetic properties to metal deposition on urban green in Nanjing, China. (2017) Environmental Science and Pollution Research, 24 (32), pp. 25315-25328.
37. Bourliva, A., Papadopoulou, L., Aidona, E., Giouri, K. Magnetic signature, geochemistry, and oral bioaccessibility of “technogenic” metals in contaminated industrial soils from Sindos Industrial Area, Northern Greece. (2017) Environmental Science and Pollution Research, 24 (20), pp. 17041-17055.
38. Li, H., Wang, J., Wang, Q., Tian, C., Qian, X., Leng, X. Magnetic Properties as a Proxy for Predicting Fine-Particle-Bound Heavy Metals in a Support Vector Machine Approach. (2017) Environmental Science and Technology, 51 (12), pp. 6927-6935.
39. Boontom, S., Boonkitpatarakul, K., Sukwattanasinitt, M., Niamnont, N. Highly selective detection of Cu2+ based on a thiosemicarbazone triphenylacetylene fluorophore. (2017) Tetrahedron, 73 (17), pp. 2483-2487.
40. Yurtseven-Sandker, A., Cioppa, M.T. Tracking the Historical Traces of Soil Pollution from an Iron-Sintering Plant by Using Magnetic Susceptibility in Wawa, Ontario, Canada. (2016) Water, Air, and Soil Pollution, 227 (12), art. no. 434, .
41. Castanheiro, A., Samson, R., De Wael, K. Magnetic- and particle-based techniques to investigate metal deposition on urban green. (2016) Science of the Total Environment, 571, pp. 594-602.
42. Cui, G., Zhou, L., Dearing, J. Granulometric and magnetic properties of deposited particles in the Beijing subway and the implications for air quality management. (2016) Science of the Total Environment, 568, pp. 1059-1068.
43. Gillooly, S.E., Shmool, J.L.C., Michanowicz, D.R., Bain, D.J., Cambal, L.K., Shields, K.N., Clougherty, J.E. Framework for using deciduous tree leaves as biomonitors for intraurban particulate air pollution in exposure assessment. (2016) Environmental Monitoring and Assessment, 188 (8), art. no. 479, .
44. Rai, P.K., Chutia, B.M. Particulate matter bio-monitoring through magnetic properties of an Indo-Burma hotspot region. (2016) Chemistry and Ecology, 32 (6), pp. 550-574.
45. Bourliva, A., Papadopoulou, L., Aidona, E. Study of road dust magnetic phases as the main carrier of potentially harmful trace elements. (2016) Science of the Total Environment, 553, pp. 380-391.
46. Marié, D.C., Chaparro, M.A.E., Irurzun, M.A., Lavornia, J.M., Marinelli, C., Cepeda, R., Böhnel, H.N., Castañeda Miranda, A.G., Sinito, A.M. Magnetic mapping of air pollution in Tandil city (Argentina) using the lichen Parmotrema pilosum as biomonitor. (2016) Atmospheric Pollution Research, 7 (3), pp. 513-520.
47. Fontes, M.P.F. Behavior of heavy metals in soils: Individual and multiple competitive adsorption. (2016) Competitive Sorption and Transport of Heavy Metals in Soils and Geological Media, pp. 77-117.

48. Zhu, Z., Xue, J., Deng, Y., Chen, L., Liu, J. Trace metal contamination in surface sediments of intertidal zone from Qinhuangdao, China, revealed by geochemical and magnetic approaches: Distribution, sources, and health risk assessment. (2016) Marine Pollution Bulletin, 105 (1), pp. 422-429.
49. Gargiulo, J.D., Chaparro, M.A.E. Particulate matter pollution from a small coke-burning factory: soil magnetic screening and its relation with a simple atmospheric dispersion model. (2016) Studia Geophysica et Geodaetica, 60 (2), pp. 316-331.
50. Salo, H. Enviromagnetic biomonitoring: New directions in air quality assessment using mosses and lichens. (2016) Biomonitoring of Air Pollution Using Mosses and Lichens: A Passive and Active Approach - State of the Art Research and Perspectives, pp. 195-228.
51. Cao, L., Appel, E., Hu, S., Yin, G., Lin, H., Rösler, W. Magnetic response to air pollution recorded by soil and dust-loaded leaves in a changing industrial environment. (2015) Atmospheric Environment, 119, pp. 304-313.
52. Łukasik, A., Szuszkiewicz, M., Magiera, T. Impact of artifacts on topsoil magnetic susceptibility enhancement in urban parks of the Upper Silesian conurbation datasets. (2015) Journal of Soils and Sediments, 15 (8), pp. 1836-1846.
53. Chaparro, M.A.E., Chaparro, M.A.E., Castañeda Miranda, A.G., Böhnel, H.N., Sinito, A.M. An interval fuzzy model for magnetic biomonitoring using the specie Tillandsia recurvata L. (2015) Ecological Indicators, 54, pp. 238-245.
54. Kokinou, E. Magnetic properties of soils in a designated Natura area (GR4310010, Giouchtas Mountain). (2015) Interpretation, 3 (4), pp. SAB33-SAB42.
55. Golden, N., Morrison, L., Gibson, P.J., Potito, A.P., Zhang, C. Spatial patterns of metal contamination and magnetic susceptibility of soils at an urban bonfire site. (2015) Applied Geochemistry, 52, pp. 86-96.
56. Rai, P.K. Biomagnetic Monitoring of Particulate Matter: In the Indo-Burma Hotspot Region. (2015) Biomagnetic Monitoring of Particulate Matter: In the Indo-Burma Hotspot Region, pp. 1-198.
57. Xia, D., Wang, B., Yu, Y., Jia, J., Nie, Y., Wang, X., Xu, S. Combination of magnetic parameters and heavy metals to discriminate soil-contamination sources in Yinchuan - A typical oasis city of Northwestern China. (2014) Science of the Total Environment, 485-486 (1), pp. 83-92.
58. Rodríguez-Germade, I., Mohamed, K.J., Rey, D., Rubio, B., García, T. The influence of weather and climate on the reliability of magnetic properties of tree leaves as proxies for air pollution monitoring. (2014) Science of the Total Environment, 468-469, pp. 892-902.
59. Castañeda-Miranda, A.G., Böhnel, H.N., Molina-Garza, R.S., Chaparro, M.A.E. Magnetic evaluation of TSP-filters for air quality monitoring. (2014) Atmospheric Environment, 96, pp. 163-174.
60. Bhattacharjee, A., Mandal, H., Roy, M., Kusz, J., Zubko, M. Magnetic particulate matters in the ashes of few commonly used Indian cigarettes. (2014) Environmental Monitoring and Assessment, 186 (11), pp. 7399-7411.
61. Uzu, G., Schreck, E., Xiong, T., Macouin, M., Lévêque, T., Fayomi, B., Dumat, C. Urban market gardening in Africa: Foliar uptake of metal(loid)s and their bioaccessibility in vegetables; Implications in terms of health risks. (2014) Water, Air, and Soil Pollution, 225 (11), art. no. 2185, .
62. Li, H., Qian, X., Wei, H., Zhang, R., Yang, Y., Liu, Z., Hu, W., Gao, H., Wang, Y. Magnetic properties as proxies for the evaluation of heavy metal contamination in urban street dusts of Nanjing, Southeast China. (2014) Geophysical Journal International, 199 (3), pp. 1354-1366.
63. Rai, P.K., Chutia, B.M., Patil, S.K. Monitoring of spatial variations of particulate matter (PM) pollution through bio-magnetic aspects of roadside plant leaves in an Indo-Burma hot spot region. (2014) Urban Forestry and Urban Greening, 13 (4), pp. 761-770.
64. Salo, H., Vaahtovuo, E. Enviromagnetic methods and their use in studies of spatial and temporal changes in airborne pollution load using the moss bag technique [Ympäristömagneettiset menetelmät ja niiden käyttö ympäristön ilmaperäisen kuormituksen spatiaalisten ja ajallisten muutosten tutkimuksessa sammalpallotekniikan avulla]. (2013) Terra, 125 (4), pp. 191-206.
65. Reyes, B.A., Mejía, V., Goguitchaichvili, A., Escobar, J., Bayona, G., Bautista, F., Morales, J.C., Ihl, T.J. Reconnaissance environmental magnetic study of urban soils, dust and leaves from Bogotá, Colombia. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 741-754.
66. Zhu, Z., Sun, G., Bi, X., Li, Z., Yu, G. Identification of trace metal pollution in urban dust from kindergartens using magnetic, geochemical and lead isotopic analyses. (2013) Atmospheric Environment, 77, pp. 9-15.
67. El-Hasan, T., Lataifeh, M. Field and dual magnetic susceptibility proxies for heavy metal pollution assessment in the urban soil of Al-Karak City, South Jordan. (2013) Environmental Earth Sciences, 69 (7), pp. 2299-2310.
68. Rai, P.K. Environmental magnetic studies of particulates with special reference to biomagnetic monitoring using roadside plant leaves. (2013) Atmospheric Environment, 72, pp. 113-129.

69. Zhu, Z., Li, Z., Bi, X., Han, Z., Yu, G. Response of magnetic properties to heavy metal pollution in dust from three industrial cities in China. (2013) Journal of Hazardous Materials, 246-247, pp. 189-198.
70. Chaparro, M.A.E., Lavornia, J.M., Chaparro, M.A.E., Sinito, A.M. Biomonitors of urban air pollution: Magnetic studies and SEM observations of corticolous foliose and microfoliose lichens and their suitability for magnetic monitoring. (2013) Environmental Pollution, 172, pp. 61-69.
71. Long, Q., Zhou, J.-Z., Meng, J., Da, L.-J. Magnetic response of street tree leaves to particulate pollution in Shanghai. (2012) Huanjing Kexue/Environmental Science, 33 (12), pp. 4188-4193.
72. Sant'Ovaia, H., Lacerda, M.J., Gomes, C. Particle pollution - An environmental magnetism study using biocollectors located in northern Portugal. (2012) Atmospheric Environment, 61, pp. 340-349.
73. Liu, Q., Roberts, A.P., Larrasoaa, J.C., Banerjee, S.K., Guyodo, Y., Tauxe, L., Oldfield, F. Environmental magnetism: Principles and applications. (2012) Reviews of Geophysics, 50 (4), art. no. RG4002, .
74. Sapkota, B., Cioppa, M.T. Using magnetic and chemical measurements to detect atmospherically-derived metal pollution in artificial soils and metal uptake in plants. (2012) Environmental Pollution, 170, pp. 131-144.
75. Zhu, Z., Han, Z., Bi, X., Yang, W. The relationship between magnetic parameters and heavy metal contents of indoor dust in e-waste recycling impacted area, Southeast China. (2012) Science of the Total Environment, 433, pp. 302-308.
76. Zhang, C., Qiao, Q., Appel, E., Huang, B. Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. (2012) Journal of Geochemical Exploration, 119-120, pp. 60-75.
77. El Baghdadi, M., Barakat, A., Sajieddine, M., Nadem, S. Heavy metal pollution and soil magnetic susceptibility in urban soil of Beni Mellal City (Morocco). (2012) Environmental Earth Sciences, 66 (1), pp. 141-155.
78. Basavaiah, N., Blaha, U., Das, P.K., Deenadayalan, K., Sadashiv, M.B., Schulz, H. Evaluation of environmental magnetic pollution screening in soils of basaltic origin: Results from Nashik Thermal Power Station, Maharashtra, India. (2012) Environmental Science and Pollution Research, 19 (7), pp. 3028-3038.
79. Dankoub, Z., Ayoubi, S., Khademi, H., Lu, S.-G. Spatial Distribution of Magnetic Properties and Selected Heavy Metals in Calcareous Soils as Affected by Land Use in the Isfahan Region, Central Iran. (2012) Pedosphere, 22 (1), pp. 33-47.
80. Yan, H.T., Hu, S.Y., Blaha, U., Rösler, W., Duan, X.M., Appel, E. Paddy soil - A suitable target for monitoring heavy metal pollution by magnetic proxies. (2011) Journal of Applied Geophysics, 75 (2), pp. 211-219.
81. Zhang, C., Qiao, Q., Piper, J.D.A., Huang, B. Assessment of heavy metal pollution from a Fe-smelting plant in urban river sediments using environmental magnetic and geochemical methods. (2011) Environmental Pollution, 159 (10), pp. 3057-3070.
82. Yan, H.T., Hu, S.Y., Blaha, U., Rosler, W., Appel, E. Magnetic survey of soil pollution around meishan steel mill in Nanjing, China. (2011) 2011 International Conference on Computer Science and Service System, CSSS 2011 - Proceedings, art. no. 5974875, pp. 4154-4160.
83. Bidegain, J.C., Chaparro, M.A.E., Marié, D.C., Jurado, S. Air pollution caused by manufacturing coal from petroleum coke in Argentina. (2011) Environmental Earth Sciences, 62 (4), pp. 847-855.
84. Blaha, U., Basavaiah, N., Deenadayalan, K., Borole, D.V., Mohite, R.D. Onset of industrial pollution recorded in Mumbai mudflat sediments, using integrated magnetic, chemical, 210Pb dating, and microscopic methods. (2011) Environmental Science and Technology, 45 (2), pp. 686-692.
85. Marié, D.C., Chaparro, M.A.E., Gogorza, C.S.G., Navas, A., Sinito, A.M. Vehicle-derived emissions and pollution on the road autovia 2 investigated by rock-magnetic parameters: A case study from Argentina. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 135-152.
86. Sarris, A., Kokinou, E., Aidona, E., Kallithrakas-Kontos, N., Koulouridakis, P., Kakoulaki, G., Droulia, K., Damianovits, O. Environmental study for pollution in the area of Megalopolis power plant (Peloponnesos, Greece). (2009) Environmental Geology, 58 (8), pp. 1769-1783.
87. Jeleńska, M., Hasso-Agopsowicz, A., Kadzialko-Hofmokl, M., Kopcewicz, B., Sukhorada, A., Bondar, K., Matviishina, Z. Magnetic structure of polluted soil profiles from Eastern Ukraine. (2008) Acta Geophysica, 56 (4), pp. 1043-1064.
88. Lu, S.G., Zheng, Y.W., Bai, S.Q. A HRTEM/EDX approach to identification of the source of dust particles on urban tree leaves. (2008) Atmospheric Environment, 42 (26), pp. 6431-6441.
89. Prajapati, S.K., Tripathi, B.D. Management of hazardous road derived respirable particulates using magnetic properties of tree leaves. (2008) Environmental Monitoring and Assessment, 139 (1-3), pp. 351-354.

90. Zhang, C., Huang, B., Piper, J.D.A., Luo, R. Biomonitoring of atmospheric particulate matter using magnetic properties of Salix matsudana tree ring cores. (2008) Science of the Total Environment, 393 (1), pp. 177-190.
91. Chaparro, M.A.E., Chaparro, M.A.E., Marinelli, C., Sinito, A.M. Multivariate techniques as alternative statistical tools applied to magnetic proxies for pollution: A case study from Argentina and Antarctica. (2008) Environmental Geology, 54 (2), pp. 365-371.
92. El-Hasan, T. The detection of roadside pollution of rapidly growing city in arid region using the magnetic proxies. (2008) Environmental Geology, 54 (1), pp. 23-29.
93. Sharma, A.P., Tripathi, B.D. Magnetic mapping of fly-ash pollution and heavy metals from soil samples around a point source in a dry tropical environment. (2008) Environmental Monitoring and Assessment, 138 (1-3), pp. 31-39.
94. Monna, F., Puertas, A., Lévêque, F., Losno, R., Fronteau, G., Marin, B., Dominik, J., Petit, C., Forel, B., Chateau, C. Geochemical records of limestone façades exposed to urban atmospheric contamination as monitoring tools? (2008) Atmospheric Environment, 42 (5), pp. 999-1011.
95. Kim, W., Doh, S.-J., Park, Y.-H., Yun, S.-T. Two-year magnetic monitoring in conjunction with geochemical and electron microscopic data of roadside dust in Seoul, Korea. (2007) Atmospheric Environment, 41 (35), pp. 7627-7641.
96. Yang, T., Liu, Q., Chan, L., Cao, G. Magnetic investigation of heavy metals contamination in urban topsoils around the East Lake, Wuhan, China. (2007) Geophysical Journal International, 171 (2), pp. 603-612.
97. Lu, S.G., Bai, S.Q., Xue, Q.F. Magnetic properties as indicators of heavy metals pollution in urban topsoils: A case study from the city of Luoyang, China. (2007) Geophysical Journal International, 171 (2), pp. 568-580.
98. Zawadzki, J., Fabijańczyk, P. Use of variograms for field magnetometry analysis in Upper Silesia Industrial Region (2007) Studia Geophysica et Geodaetica, 51 (4), pp. 535-550.
99. Chaparro, M.A.E., Nuñez, H., Lirio, J.M., Gogorza, C.S.G., Sinito, A.M. Magnetic screening and heavy metal pollution studies in soils from Marambio Station, Antarctica. (2007) Antarctic Science, 19 (3), pp. 379-393.
100. Rothwell, J.J., Lindsay, J.B. Mapping contemporary magnetic mineral concentrations in peat soils using fine-resolution digital terrain data. (2007) Catena, 70 (3), pp. 465-474.
101. Zhang, W., Yu, L., Lu, M., Hutchinson, S.M., Feng, H. Magnetic approach to normalizing heavy metal concentrations for particle size effects in intertidal sediments in the Yangtze Estuary, China. (2007) Environmental Pollution, 147 (1), pp. 238-244.
102. Lehndorff, E., Urbat, M., Schwark, L. Accumulation histories of magnetic particles on pine needles as function of air quality. (2006) Atmospheric Environment, 40 (36), pp. 7082-7096.
103. Chaparro, M.A.E., Gogorza, C.S.G., Chaparro, M.A.E., Irurzun, M.A., Sinito, A.M. Review of magnetism and heavy metal pollution studies of various environments in Argentina. (2006) Earth, Planets and Space, 58 (10), pp. 1411-1422.
104. Chaparro, M.A.E., Lirio, J.M., Nuñez, H., Gogorza, C.S.G., Sinito, A.M. Preliminary magnetic studies of lagoon and stream sediments from Chascomús Area (Argentina) - Magnetic parameters as indicators of heavy metal pollution and some results of using an experimental method to separate magnetic phases. (2005) Environmental Geology, 49 (1), pp. 30-43.
105. Hendrickx, J.M.H., Harrison, J.B.J., Van Dam, R.L., Borchers, B., Norman, D.I., Dedzoe, C.D., Antwi, B.O., Asiamah, R.D., Rodgers, C., Vlek, P., Friesen, J. Magnetic soil properties in Ghana. (2005) Proceedings of SPIE - The International Society for Optical Engineering, 5794 (PART I), art. no. 18, pp. 165-176.
106. Urbat, M., Lehndorff, E., Schwark, L. Biomonitoring of air quality in the Cologne conurbation using pine needles as a passive sampler - Part I: Magnetic properties. (2004) Atmospheric Environment, 38 (23), pp. 3781-3792.
107. Liu, Q., Tao, Y., Yuanyuan, F., Chan, L.S., Liu, Q., Li, H., Liu, Z. Magnetic characteristics of street dust from the Chibi city, Hubei Province, China: Its implications for urban environment. (2004) Progress in Environmental and Engineering Geophysics: Proceedings of the International Conference on Environmental and Engineering Geophysics, ICEEG 2004, pp. 476-479.

29. Henry, B., Jordanova, D., *Jordanova, N.*, Souque, Ch., Robion, P., 2003. Anisotropy of magnetic susceptibility of heated rocks. Tectonophysics, 366, 241-258. *IF=2.9*

Цитира се в:

1. Aminov, J., Roperch, P., Dupont-Nivet, G., (...), Lin, D., Mamadjanov, Y. Contractional deformation between extensional dome exhumation in Central Pamir at 17–15 Ma constrained by metamorphic and

paleomagnetic data from the Bartang volcanic rocks, Tajikistan . (2023) Tectonophysics, 868,230080.
2. Park, J.K., Shin, J.Y., Shin, S., Park, Y.-H. Preferred Orientations of Magnetic Minerals Inferred from Magnetic Fabrics of Hantangang Quaternary Basalts. (2023) Minerals, 13(8),1011.
3. Bolle, O., Corsini, M., Diot, H., Laurent, O., Melis, R. Late-Orogenic Evolution of the Southern European Variscan Belt Constrained by Fabric Analysis and Dating of the Camarat Granitic Complex and Coeval Felsic Dykes (Maures–Tanneron Massif, SE France). (2023) Tectonics, 42(4),e2022TC007310.
4. Hoyer, L., Hastie, W.W. Variable magma flow in sills: Can a magma source be constrained? (2022) Journal of Volcanology and Geothermal Research 421,107427. 5
5. Palencia-Ortas, A., Molina-Cardín, A., Osete, M.L., (...), Chauvin, A., Roperch, P. Inclination flattening effect in highly anisotropic archaeological structures from Iberia. Influence on archaeomagnetic dating. (2021) Physics of the Earth and Planetary Interiors, 318,106762. 6
6. Singh, A.K., Pati, J.K., Patil, S.K., (...), Rao, A.K., Pandey, O.P. Anisotropy of magnetic susceptibility (AMS) of impact melt breccia and target rocks from the Dhala impact structure, India. (2021) Special Paper of the Geological Society of America, 550, pp. 351-371.
7. Bilardello, D. Late Paleozoic Depositional Environments and Sediment Transport Directions of the Itararé Group Rocks From the State of São Paulo, Brazil, Determined From Rock Magnetism and Magnetic Anisotropy. (2021) Earth and Space Science 8(7),e2021EA001703
8. Bilardello, D. Comment on "New Late Pennsylvanian Paleomagnetic Results From Paraná Basin (Southern Brazil): Is the Recent Giant Gaussian Process Model Valid for the Kiaman Superchron?" by Brandt et al. (2020) Journal of Geophysical Research: Solid Earth, 125 (7), art. no. e2019JB018556, .
9. Anderson, P.E., Stevenson, C.T., Cooper, M.R., Meighan, I.G., Reavy, R.J., Hurley, C.T., Inman, J., Ellam, R.M. Refined model of incremental emplacement based on structural evidence from the granodioritic Newry igneous complex, Northern Ireland. (2018) Bulletin of the Geological Society of America, 130 (5-6), pp. 740-756.
10. Tomek, F., Žák, J., Verner, K., Holub, F.V., Sláma, J., Paterson, S.R., Memeti, V. Mineral fabrics in high-level intrusions recording crustal strain and volcano-tectonic interactions: The Shellenbarger pluton, Sierra Nevada, California. (2017) Journal of the Geological Society, 174 (2), pp. 193-208.
11. Tomek, F., Žák, J., Holub, F.V., Chlupáčová, M., Verner, K. Growth of intra-caldera lava domes controlled by various modes of caldera collapse, the Štiavnica volcano-plutonic complex, Western Carpathians. (2016) Journal of Volcanology and Geothermal Research, 311, pp. 183-197.
12. Timur, E. Magnetic susceptibility and VLF-R investigations for determining geothermal blowout contaminated area: a case study from Alaşehir (Manisa/Turkey). (2014) Environmental Earth Sciences, 72 (7), pp. 2497-2510.
13. Boiron, T., Bascou, J., Camps, P., Ferré, E.C., Maurice, C., Guy, B., Gerbe, M.-C., Launeau, P. Internal structure of basalt flows: Insights from magnetic and crystallographic fabrics of the La Palisse volcanics, French Massif Central. (2013) Geophysical Journal International, 193 (2), pp. 585-602.
14. Urrutia-Fucugauchi, J., Delgadillo-Peralta, M., Pérez-Cruz, L., Velasco-Villarreal, M. Heating-induced changes in the anisotropy of magnetic susceptibility of impact breccias, Chicxulub Crater (Mexico). (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 769-787.
15. Zhang, S., Cañón-Tapia, E., Walderhaug, H.J. Magnetic fabric and its significance in the sills and lava flows from Taimyr fold-belt, Arctic Siberia. (2011) Tectonophysics, 505 (1-4), pp. 68-85.
16. Hastie, W.W., Aubourg, C., Watkeys, M.K. When an 'inverse' fabric is not inverse: An integrated AMS-SPO study in MORB-like dykes. (2011) Terra Nova, 23 (1), pp. 49-55.
17. Wassmer, P., Gomez, C. Development of the AMS method for unconsolidated sediments. Application to tsunami deposits [Développement de la méthode AMS pour les sédiments non consolidés. Application aux dépôts de tsunami]. (2011) Geomorphologie: Relief, Processus, Environnement, (3), pp. 279-290.
18. Roperch, P., Carlotto, V., Chauvin, A. Using anisotropy of magnetic susceptibility to better constrain the tilt correction in paleomagnetism: A case study from southern Peru. (2010) Tectonics, 29 (6), art. no. TC6005, .
19. Elitok, O., Kamaci, Z., Dolmaz, M.N., Yilmaz, K., Şener, M. Relationship between chemical composition and magnetic susceptibility in the alkaline volcanics from the Isparta area, SW Turkey. (2010) Journal of Earth System Science, 119 (6), pp. 853-860.
20. Tripathy, N.R., Srivastava, H.B., Mamtani, M.A. Evaluation of a regional strain gradient in mylonitic quartzites from the footwall of the Main Central Thrust Zone (Garhwal Himalaya, India): Inferences from finite strain and AMS analyses. (2009) Journal of Asian Earth Sciences, 34 (1), pp. 26-37.
21. Zhang, S., Walderhaug, J.H., Yang, Y. Rock magnetism and magnetic anisotropy in folded sills and basaltic flows: A case study of volcanics from the Taimyr Peninsula, Northern Russia. (2008) Chinese Science Bulletin, 53 (5), pp. 759-767.

22. Rathi, G., Sangode, S.J., Kumar, R., Ghosh, S.K.Magnetic fabrics under high-energy fluvial regime of the Himalayan Foreland Basin, NW Himalaya. (2007) Current Science, 92 (7), pp. 933-944.
23. Martín-Hernández, F., Ferré, E.C. Separation of paramagnetic and ferrimagnetic anisotropies: A review. (2007) Journal of Geophysical Research: Solid Earth, 112 (3), art. no. B03105, .
24. Zhang, S., Walderhaug, H.J. Rock magnetic and magnetic anisotropy of igneous rocks from Taimyr Peninsula, Arctic Russia. (2007) Geomathematics and GIS Analysis of Resources, Environment and Hazards - Annual Conference of the International Association for Mathematical Geology, IAMG 2007, pp. 411-414.
25. Bouchez, J.L., Mintsa Mi Nguema, T., Esteban, L., Siqueira, R., Scrivener, R. The tourmaline-bearing granite pluton of Bodmin (Cornwall, UK): Magnetic fabric study and regional inference. (2006) Journal of the Geological Society, 163 (4), pp. 607-616.
26. Bascou, J., Camps, P., Dautria, J.M. Magnetic versus crystallographic fabrics in a basaltic lava flow. (2005) Journal of Volcanology and Geothermal Research, 145 (1-2), pp. 119-135.
27. Li, Y.-X., Kodama, K.P. Assessing thermal effects on magnetic fabrics of sedimentary rocks: Results from synthetic and natural samples. (2005) Geophysical Research Letters, 32 (4), pp. 1-4.
28. Kadziałko-Hofmokl, M., Mazur, S., Werner, T., Kruczyk, J. Relationships between magnetic and structural fabrics revealed by Variscan basement rocks subjected to heterogeneous deformation - A case study from the Kłodzko Metamorphic Complex, Central Sudetes, Poland. (2004) Geological Society Special Publication, 238, pp. 475-491.
29. De Wall, H., Warr, L.N. Oblique magnetic fabric in siderite-bearing pelitic rocks of the Upper Carboniferous Culm Basin, SW England: An indicator for palaeo-fluid migration? (2004) Geological Society Special Publication, 238, pp. 493-507.
30. Martín-Hernández, F., Lüneburg, C.M., Aubourg, C., Jackson, M. Magnetic fabric: Methods and applications - An introduction. (2004) Geological Society Special Publication, 238, pp. 1-7.
31. Borradaile, G.J., Jackson, M. Anisotropy of magnetic susceptibility (AMS): Magnetic petrofabrics of deformed rocks. (2004) Geological Society Special Publication, 238, pp. 299-360.
32. Hrouda, F. Indices for numerical characterization of the alteration processes of magnetic minerals taking place during investigation of temperature variation of magnetic susceptibility. (2003) Studia Geophysica et Geodaetica, 47 (4), pp. 847-861.

30. Kapicka, A., *Jordanova, N*., Petrovsky, E., Podrazsky, V., 2003. Magnetic study of weakly contaminated forest soils. Water, Air and Soil Pollution, 148, 31-44. *IF=2.9*

Цитира се в:

1. Hu, C., Liu, Y., Fang, X., (...), Sun, Y., Shui, B. Assessing heavy metal pollution in sediments from the northern margin of Chinese mangrove areas: Sources, ecological risks, and health impacts. (2024) Marine Pollution Bulletin, 200,116069.
2. Hu, X.-F., Li, M., He, Z.-C., (...), Wang, X.-D., Wang, Z.-H. Magnetic responses to heavy metal pollution of the industrial soils in Shanghai: Implying the influences of anthropogenic magnetic dustfall on urban environment. (2022). Journal of Applied Geophysics, 197,104544.
3. Liu, G. Traffic-related pollution history (1994-2014) determined using urban lake sediments from Nanjing, China. (2021) PLoS ONE, 16(8 August),e0255395
4. Rachwał, M., Wawer, M., Jabłońska, M., Rogula-Kozłowska, W., Rogula-Kopiec, P. Geochemical and mineralogical characteristics of airborne particulate matter in relation to human health risk. (2020) Minerals, 10 (10), art. no. 866, pp. 1-19.
5. Magiera, T., Łukasik, A., Zawadzki, J., Rösler, W. Magnetic susceptibility as indicator of anthropogenic disturbances in forest topsoil: A review of magnetic studies carried out in Central European forests. (2019) Ecological Indicators, 106, art. no. 105518, .
6. Declercq, Y., Samson, R., Castanheiro, A., Spassov, S., Tack, F.M.G., Van De Vijver, E., De Smedt, P. Evaluating the potential of topsoil magnetic pollution mapping across different land use classes. (2019) Science of the Total Environment, 685, pp. 345-356.
7. Kantor, P., Raclavska, H., Matysek, D., Raclavsky, K., Svedova, B., Kucbel, M. Sources of magnetic particles from air pollution in mountainous area. (2019) Inzynieria Mineralna, 2019 (1), pp. 47-52.
8. Zhang, X., Zha, T., Guo, X., Meng, G., Zhou, J. Spatial distribution of metal pollution of soils of Chinese provincial capital cities. (2018) Science of the Total Environment, 643, pp. 1502-1513.
9. Harikrishnan, N., Chandrasekaran, A., Ravisankar, R., Alagarsamy, R. Statistical assessment to magnetic susceptibility and heavy metal data for characterizing the coastal sediment of East coast of Tamilnadu, India. (2018) Applied Radiation and Isotopes, 135, pp. 177-183.

10. Mohamed, A.-M.O., Paleologos, E.K. Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport. (2017) Fundamentals of Geoenvironmental Engineering: Understanding Soil, Water, and Pollutant Interaction and Transport, pp. 1-688.
11. Li, Y., Guo, G., Gu, Y., Wei, L., He, S. Electric and Magnetic Properties of Contaminated Soil Around a Steel Plant as Well as Their Environmental Significance. (2017) Jilin Daxue Xuebao (Diqiu Kexue Ban)/Journal of Jilin University (Earth Science Edition), 47 (5), pp. 1543-1551.
12. Lourenço, A.M., Gomes, C.R. Integration of magnetic measurements, chemical and statistical analysis in characterizing agricultural soils (central Portugal). (2016) Environmental Earth Sciences, 75 (11), art. no. 968, .
13. Kurt, M., Duru, N., Canbay, M.M., Duru, H.T. Prediction of magnetic susceptibility class of soil using decision trees [Predviđanje magnetske osjetljivosti tla primjenom dijagrama za donošenje odluka]. (2016) Tehnicki Vjesnik, 23 (1), pp. 83-90.
14. Soupios, P., Kokinou, E. Environmental geophysics: Techniques, advantages and limitations. (2016) Geophysics: Principles, Applications and Emerging Technologies, pp. 1-45.
15. Lourenço, A., Esteves, I., Rocha, A., Abrantes, I., Gomes, C. Relation between magnetic parameters and nematode abundance in agricultural soils of Portugal—a multidisciplinary study in the scope of environmental magnetism. (2015) Environmental Monitoring and Assessment, 187 (4), art. no.162,15 p.
16. Wawer, M., Magiera, T., Ojha, G., Appel, E., Bućko, M.S., Kusza, G. Characteristics of current roadside pollution using test-monitoring plots. (2015) Science of the Total Environment, 505, pp. 795-804.
17. Kokinou, E. Magnetic properties of soils in a designated Natura area (GR4310010, Giouchtas Mountain). (2015) Interpretation, 3 (4), pp. SAB33-SAB42.
18. Golden, N., Morrison, L., Gibson, P.J., Potito, A.P., Zhang, C. Spatial patterns of metal contamination and magnetic susceptibility of soils at an urban bonfire site. (2015) Applied Geochemistry, 52, pp. 86-96.
19. Wang, B., Xia, D.S., Yu, Y., Jia, J., Xu, S.J. Magnetic properties of river sediments and their relationship with heavy metals and organic matter in the urban area in Lanzhou, China. (2013) Environmental Earth Sciences, 70 (2), pp. 605-614.
20. Gołuchowska, B., Strzyszcz, Z., Kusza, G. Magnetic susceptibility and heavy metal content in dust from the lime plant and the cement plant in Opole voivodeship. (2012) Archives of Environmental Protection, 38 (2), pp. 71-80.
21. Yang, T., Liu, Q., Zeng, Q., Chan, L. Relationship between magnetic properties and heavy metals of urban soils with different soil types and environmental settings: Implications for magnetic mapping. (2012) Environmental Earth Sciences, 66 (2), pp. 409-420.
22. El Baghdadi, M., Jakani, K., Barakat, A., Bay, Y. Magnetic susceptibility and heavy metal contamination in agricultural soil of Tadla plain. (2011) Journal of Materials and Environmental Science, 2 (SUPPL. 1), pp. 513-519.
23. Yang, T., Zeng, Q., Liu, Z., Liu, Q. Magnetic properties of the road dusts from two parks in Wuhan city, China: Implications for mapping urban environment. (2011) Environmental Monitoring and Assessment, 177 (1-4), pp. 637-648.
24. Magiera, T., Jankowski, M., Switoniak, M., Rachwal, M. Study of forest soils on an area of magnetic and geochemical anomaly in north-eastern Poland. (2011) Geoderma, 160 (3-4), pp. 559-568.
25. Alekseev, A. Magnetic properties of soils. (2011) Encyclopedia of Earth Sciences Series, Part 4, pp. 436-439.
26. Bartel, A.A., Bidegain, J.C., Sinito, A.M. Magnetic parameter analysis of a climosequence of soils in the southern pampean region, argentina. (2011) Geofisica Internacional, 50 (1), pp. 9-22.
27. D'Emilio, M., Caggiano, R., Coppola, R., MacChiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: The case study of S. Nicola di Melfi. (2010) Environmental Monitoring and Assessment, 169 (1-4), pp. 619-630.
28. Huliselan, E.K., Bijaksana, S., Srigutomo, W., Kardena, E. Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate. (2010) Journal of Hazardous Materials, 179 (1-3), pp. 701-708.
29. Bućko, M.S., Magiera, T., Pesonen, L.J., Janus, B. Magnetic, geochemical, and microstructural characteristics of road dust on roadsides with different traffic volumes-case study from Finland. (2010) Water, Air, and Soil Pollution, 209 (1-4), pp. 295-306.
30. Canbay, M. Investigation of the relation between heavy metal contamination of soil and its magnetic susceptibility. (2010) International Journal of Physical Sciences, 5 (5), pp. 393-400.
31. Rosowiecka, O., Nawrocki, J. Assessment of soils pollution extent in surroundings of ironworks based on magnetic analysis. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 185-194.
32. Chlupáčová, M., Hanák, J., Müller, P. Magnetic susceptibility of cambisol profiles in the vicinity of the Vír dam, Czech Republic. (2010) Studia Geophysica et Geodaetica, 54 (1), pp. 153-184.

33. Canbay, M., Aydin, A., Kurtulus, C. Magnetic susceptibility and heavy-metal contamination in topsoils along the Izmit Gulf coastal area and IZAYTAS (Turkey). (2010) Journal of Applied Geophysics, 70 (1), pp. 46-57.
34. Liu, Q., Zeng, Q., Yang, T., Qiu, N., Chan, L. Magnetic properties of street dust from Chibi City, Hubei Province, China: Its implications for urban environment. (2009) Journal of Earth Science, 20 (5), pp. 848-857.
35. Blundell, A., Hannam, J.A., Dearing, J.A., Boyle, J.F. Detecting atmospheric pollution in surface soils using magnetic measurements: A reappraisal using an England and Wales database. (2009) Environmental Pollution, 157 (10), pp. 2878-2890.
36. Zagurskii, A.M., Ivanov, A.V., Shoba, S.A. Submicromorphology of soil magnetic fractions. (2009) Eurasian Soil Science, 42 (9), pp. 1044-1052.
37. Alagarsamy, R. Environmental magnetism and application in the continental shelf sediments of India. (2009) Marine Environmental Research, 68 (2), pp. 49-58.
38. Morton-Bermea, O., Hernandez, E., Martinez-Pichardo, E., Soler-Arechalde, A.M., Santa-Cruz, R.L., Gonzalez-Hernandez, G., Beramendi-Orosco, L., Urrutia-Fucugauchi, J. Mexico City topsoils: Heavy metals vs. magnetic susceptibility. (2009) Geoderma, 151 (3-4), pp. 121-125.
39. Zawadzki, J., Magiera, T., Fabijańczyk, P. Geostatistical evaluation of magnetic indicators of forest soil contamination with heavy metals. (2009) Studia Geophysica et Geodaetica, 53 (1), pp. 133-149.
40. Yang, T., Liu, Q., Zeng, Q., Chan, L. Environmental magnetic responses of urbanization processes: Evidence from lake sediments in East Lake, Wuhan, China. (2009) Geophysical Journal International, 179 (2), pp. 873-886.
41. Blaha, U., Appel, E., Stanjek, H. Determination of anthropogenic boundary depth in industrially polluted soil and semi-quantification of heavy metal loads using magnetic susceptibility. (2008) Environmental Pollution, 156 (2), pp. 278-289.
42. Blaha, U., Sapkota, B., Appel, E., Stanjek, H., Rösler, W. Micro-scale grain-size analysis and magnetic properties of coal-fired power plant fly ash and its relevance for environmental magnetic pollution studies. (2008) Atmospheric Environment, 42 (36), pp. 8359-8370.
43. Sharma, A.P., Tripathi, B.D. Magnetic mapping of fly-ash pollution and heavy metals from soil samples around a point source in a dry tropical environment. (2008) Environmental Monitoring and Assessment, 138 (1-3), pp. 31-39.
44. Yang, T., Liu, Q., Chan, L., Cao, G. Magnetic investigation of heavy metals contamination in urban topsoils around the East Lake, Wuhan, China. (2007) Geophysical Journal International, 171 (2), pp. 603-612.
45. Zawadzki, J., Fabijańczyk, P. Use of variograms for field magnetometry analysis in Upper Silesia Industrial Region. (2007) Studia Geophysica et Geodaetica, 51 (4), pp. 535-550.
46. Yang, T., Liu, Q., Chan, L., Liu, Z. Magnetic signature of heavy metals pollution of sediments: Case study from the East Lake in Wuhan, China. (2007) Environmental Geology, 52 (8), pp. 1639-1650.
47. Wang, X.-S., Qin, Y. Use of multivariate statistical analysis to determine the relationship between the magnetic properties of urban topsoil and its metal, S, and Br content. (2006) Environmental Geology, 51 (4), pp. 509-516.
48. Lu, S.G., Bai, S.Q. Study on the correlation of magnetic properties and heavy metals content in urban soils of Hangzhou City, China. (2006) Journal of Applied Geophysics, 60 (1), pp. 1-12.
49. Hanesch, M., Stanjek, H., Petersen, N. Thermomagnetic measurements of soil iron minerals: The role of organic carbon. (2006) Geophysical Journal International, 165 (1), pp. 53-61.
50. D'Emilio, M., Macchiato, M., Coppola, R., Loperte, A., Ragosta, M. Pollution levels in the industrial area of Potenza (Southern Italy). (2006) Fresenius Environmental Bulletin, 15 (1), pp. 36-42.
51. Wang, X.S., Qin, Y. Correlation between magnetic susceptibility and heavy metals in urban topsoil: A case study from the city of Xuzhou, China. (2005) Environmental Geology, 49 (1), pp. 10-18.
52. Lu, S.-G., Bai, S.-Q., Cai, J.-B., Xu, C. Magnetic properties and heavy metal contents of automobile emission particulates. (2005) Journal of Zhejiang University: Science, 6 B (8), pp. 731-735.
53. Hanesch, M., Scholger, R. The influence of soil type on the magnetic susceptibility measured throughout soil profiles. (2005) Geophysical Journal International, 161 (1), pp. 50-56.

31. Jordanova, N., Georgiev, N., 2003. Anisotropy of magnetic susceptibility as a tool in structural geology – a case study from southwestern parts of Central Sredna Gora, Bulgaria. Review of the Bulgarian Geological Society, vol. 64, part 1-3, 69-84.

32. Veneva, L., Hoffmann, V., Jordanova, D., *Jordanova, N.*, Fehr, Th., 2004. Rockmagnetic, mineralogical and microstructural characterization of fly ashes

from Bulgarian power plants and the nearby anthropogenic soils. Phys. Chem. Earth, 29, 1011-1023. ***IF=1.197***

Цитира се в:

1. Todorov, G., Kralov, I., Koprev, I., Vasilev, H., Naydenova, I. Coal Share Reduction Options for Power Generation during the Energy Transition: A Bulgarian Perspective. (2024) Energies, 17(4),929.
2. Chen, Y., Shen, Y., Xiao, S., (...), Wang, S., Wang, X. A detailed magnetic characterization of combustion products from various metamorphic grade coals. (2023) Journal of Applied Geophysics, 217,105168
3. Santos, A.C., Cruz, C., Font, E., (...), Waerenborgh, J.C., Valentim, B. Physicochemical Properties of Fe-Bearing Phases from Commercial Colombian Coal Ash. (2023) Minerals, 13(8),1055.
4. Jiao, D., Yardimci, M.Y., Lesage, K., De Schutter, G. Active rheology control of cementitious materials with responsive mineral particles (Book Chapter). (2023) Active Rheology Control of Cementitious Materials pp. 77-136.
5. Maity, R., Venkateshwarlu, M., Mondal, S., (...), Chatterjee, S., Paul, P. Mineral magnetic and geochemical characterization of the dust and soils around Mejia Thermal Power Plant, West Bengal: Implications to source apportionment. (2022) Journal of Earth System Science, 131(2),138.
6. Ivanov, M.A., Tyufekchiev, K.A. Soil Magnetic Susceptibility Properties as Indicators of Heavy Metals Pollution in "Bobov Dol" TPP Area (Bulgaria). (2022) Ecologia Balkanica, 14(1), pp. 103-111.
7. Chibulu, C., Yardimci, M.Y., Jiao, D., (...), Lesage, K., De Schutter, G. Active stiffening control by magnetically induced blocking in confined flow of fly ash pastes. (2021). Construction and Building Materials, 313,125485
8. Maity, R., Venkateshwarlu, M., Mondal, S., (...), Gain, D., Paul, P. Magnetic and microscopic characterization of anthropogenically produced magnetic particles: a proxy for environmental pollution. (2021) International Journal of Environmental Science and Technology, 18(7), pp. 1793-1808.
9. Chen, C., Wang, L., Cheng, T., Zhang, X., Deng, Q. Synthesis of Nano-Aluminosilicate Zeolite Crystals and Its Adsorption Mechanism for Heavy Metals | [纳米硅铝酸盐沸石晶体的合成及其对重金属的吸附机制]. (2021). Science and Technology of Food Industry, 42(9), pp. 10-18
10. Jiao, D., Lesage, K., Yardimci, M.Y., Shi, C., De Schutter, G. Possibilities of fly ash as responsive additive in magneto-rheology control of cementitious materials. (2021) Construction and Building Materials, 296, art. no. 123656, .
11. Uzarowicz, Ł., Górka-Kostrubiec, B., Dudzisz, K., Rachwał, M., Zagórski, Z. Magnetic characterization and iron oxide transformations in Technosols developed from thermal power station ash. (2021) Catena, 202, art. no. 105292, .
12. Li, M., Zhu, S., Ouyang, T., Tang, J., He, C. Magnetic fingerprints of surface sediment in the Bohai Sea, China. (2020) Marine Geology, 427, art. no. 106226, .
13. Zhang, X., Cheng, T., Chen, C., Wang, L., Deng, Q., Chen, G., Ye, C. Synthesis of a novel magnetic nano-zeolite and its application as an efficient heavy metal adsorbent. (2020) Materials Research Express, 7 (8), art. no. 085007, .
14. Winkler, A., Contardo, T., Vannini, A., Sorbo, S., Basile, A., Loppi, S. Magnetic emissions from brake wear are the major source of airborne particulate matter bioaccumulated by lichens exposed in Milan (Italy). (2020) Applied Sciences (Switzerland), 10 (6), art. no. 2073, .
15. Parzentny, H.R., Róg, L. Distribution of some ecotoxic elements in fuel and solid combustion residues in Poland. (2020) Energies, 13 (5), art. no. 1131, .
16. Wilczyńska-Michalik, W., Michalik, J.M., Kapusta, C., Michalik, M. Airborne magnetic technoparticles in soils as a record of anthropocene. (2020) Atmosphere, 11 (1), pp. 1-17.
17. Maity, R., Venkateshwarlu, M., Mondal, S., Kapawar, M.R., Gain, D., Paul, P. Magnetic and microscopic characterization of anthropogenically produced magnetic particles: a proxy for environmental pollution. (2020) International Journal of Environmental Science and Technology, .
18. Parzentn, H.R., Róg, L. Dependences between certain petrographic, geochemical and technological indicators of coal quality in the limnic series of the upper silesian coal basin (USCB), Poland. (2020) Archives of Mining Sciences, 65 (3), pp. 665-684.
19. Winkler, A., Caricchi, C., Guidotti, M., Owczarek, M., Macrì, P., Nazzari, M., Amoroso, A., Di Giosa, A., Listrani, S. Combined magnetic, chemical and morphoscopic analyses on lichens from a complex anthropic context in Rome, Italy. (2019) Science of the Total Environment, 690, pp. 1355-1368.
20. Liu, D., Wu, X., Du, Y., Sun, L. Experimental study on the magnetic characteristics of coal fly ash at different combustion temperatures. (2018) Environmental Technology (United Kingdom), 39 (15), pp. 1967-1975.

21. Funari, V., Mantovani, L., Vigliotti, L., Tribaudino, M., Dinelli, E., Braga, R. Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. (2018) Science of the Total Environment, 621, pp. 687-696.
22. Li, J., Zhu, J., Qiao, S., Yu, Z., Wang, X., Liu, Y., Meng, X. Processing of coal fly ash magnetic spheres for clay water flocculation. (2017) International Journal of Mineral Processing, 169, pp. 162-167.
23. Cowan, E.A., Epperson, E.E., Seramur, K.C., Brachfeld, S.A., Hageman, S.J. Magnetic susceptibility as a proxy for coal ash pollution within riverbed sediments in a watershed with complex geology (southeastern USA). (2017) Environmental Earth Sciences, 76 (19), art. no. 657, .
24. Bourliva, A., Papadopoulou, L., Aidona, E., Simeonidis, K., Vourlias, G., Devlin, E., Sanakis, Y. Enrichment and oral bioaccessibility of selected trace elements in fly ash-derived magnetic components. (2017) Environmental Science and Pollution Research, 24 (3), pp. 2337-2349.
25. Wang, X.S. Multivariate analysis for discriminating profiles of soil heavy metals as influenced by various contamination sources. (2016) Environmental Earth Sciences, 75 (12), art. no. 1013, .
26. Magiera, T., Parzentny, H., Łukasik, A. The influence of the wind direction and plants on the variability of topsoil magnetic susceptibility in industrial and urban areas of southern Poland. (2016) Environmental Earth Sciences, 75 (3), art. no. 213, pp. 1-11.
27. Funari, V., Bokhari, S.N.H., Vigliotti, L., Meisel, T., Braga, R. The rare earth elements in municipal solid waste incinerators ash and promising tools for their prospecting. (2016) Journal of Hazardous Materials, 301, pp. 471-479.
28. Yurtseven-Sandker, A., Cioppa, M.T. Magnetic susceptibility mapping of the Sudbury area, Ontario, Canada: Evaluating pollution distributions decades later. (2016) Canadian Journal of Earth Sciences, 53 (5), pp. 466-484.
29. Salo, H. Enviromagnetic biomonitoring: New directions in air quality assessment using mosses and lichens. (2016) Biomonitoring of Air Pollution Using Mosses and Lichens: A Passive and Active Approach - State of the Art Research and Perspectives, pp. 195-228.
30. Magiera, T., Parzentny, H., Róg, L., Chybiorz, R., Wawer, M. Spatial variation of soil magnetic susceptibility in relation to different emission sources in southern Poland. (2015) Geoderma, 255-256, pp. 94-103.
31. Cowan, E.A., Gaspari, D.P., Brachfeld, S.A., Seramur, K.C. Characterization of coal ash released in the TVA Kingston spill to facilitate detection of ash in river systems using magnetic methods. (2015) Fuel, 159, pp. 308-314.
32. Cowan, E.A., Seramur, K.C., Hageman, S.J. Magnetic susceptibility measurements to detect coal fly ash from the Kingston Tennessee spill in Watts Bar Reservoir. (2013) Environmental Pollution, 174, pp. 179-188.
33. Vesali Naseh, M.R., Karbassi, A., Ghazaban, F., Baghvand, A., Mohammadizadeh, M.J. Magntic susceptibility as a proxy to heavy metal content in the sediments of Anzali wetland, Iran. (2012) Journal of Environmental Health Science and Engineering, 9 (1), art. no. 34, .
34. Lourenço, A.M., Rocha, F., Gomes, C.R. Relationships between magnetic parameters, chemical composition and clay minerals of topsoils near Coimbra, central Portugal. (2012) Natural Hazards and Earth System Science, 12 (8), pp. 2545-2555.
35. Zhang, C., Qiao, Q., Appel, E., Huang, B. Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. (2012) Journal of Geochemical Exploration, 119-120, pp. 60-75.
36. Salo, H., Bućko, M.S., Vaahtovuo, E., Limo, J., Mäkinen, J., Pesonen, L.J. Biomonitoring of air pollution in SW Finland by magnetic and chemical measurements of moss bags and lichens. (2012) Journal of Geochemical Exploration, 115, pp. 69-81.
37. Yang, T., Liu, Q., Zeng, Q., Chan, L. Relationship between magnetic properties and heavy metals of urban soils with different soil types and environmental settings: Implications for magnetic mapping. (2012) Environmental Earth Sciences, 66 (2), pp. 409-420.
38. Nowaczyk, N.R. Dissolution of titanomagnetite and sulphidization in sediments from Lake Kinneret, Israel. (2011) Geophysical Journal International, 187 (1), pp. 34-44.
39. Huliselan, E.K., Bijaksana, S., Srigutomo, W., Kardena, E. Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate. (2010) Journal of Hazardous Materials, 179 (1-3), pp. 701-708.
40. French, B.M., Koeberl, C. The convincing identification of terrestrial meteorite impact structures: What works, what doesn't, and why. (2010) Earth-Science Reviews, 98 (1-2), pp. 123-170.
41. Zhang, C.-X., Huang, B.-C., Liu, Q.-S. Magnetic properties of different pollution receptors around steel plants and their environmental significance. (2009) Acta Geophysica Sinica, 52 (11), pp. 2826-2839.

42. Lu, S.G., Chen, Y.Y., Shan, H.D., Bai, S.Q. Mineralogy and heavy metal leachability of magnetic fractions separated from some Chinese coal fly ashes. (2009) Journal of Hazardous Materials, 169 (1-3), pp. 246-255.
43. Sagnotti, L., Taddeucci, J., Winkler, A., Cavallo, A. Compositional, morphological, and hysteresis characterization of magnetic airborne particulate matter in Rome, Italy. (2009) Geochemistry, Geophysics, Geosystems, 10 (8), art. no. Q08Z06, .
44. Alagarsamy, R. Environmental magnetism and application in the continental shelf sediments of India. (2009) Marine Environmental Research, 68 (2), pp. 49-58.
45. Magiera, T., Kapička, A., Petrovský, E., Strzyszcz, Z., Fialová, H., Rachwał, M. Magnetic anomalies of forest soils in the Upper Silesia-Northern Moravia region. (2008) Environmental Pollution, 156 (3), pp. 618-627.
46. Blaha, U., Sapkota, B., Appel, E., Stanjek, H., Rösler, W. Micro-scale grain-size analysis and magnetic properties of coal-fired power plant fly ash and its relevance for environmental magnetic pollution studies. (2008) Atmospheric Environment, 42 (36), pp. 8359-8370.
47. Jeleńska, M., Hasso-Agopsowicz, A., Kadzialko-Hofmokl, M., Kopcewicz, B., Sukhorada, A., Bondar, K., Matviishina, Z. Magnetic structure of polluted soil profiles from Eastern Ukraine. (2008) Acta Geophysica, 56 (4), pp. 1043-1064.
48. Szönyi, M., Sagnotti, L., Hirt, A.M. A refined biomonitoring study of airborne particulate matter pollution in Rome, with magnetic measurements on Quercus Ilex tree leaves. (2008) Geophysical Journal International, 173 (1), pp. 127-141.
49. Sharma, A.P., Tripathi, B.D. Magnetic mapping of fly-ash pollution and heavy metals from soil samples around a point source in a dry tropical environment. (2008) Environmental Monitoring and Assessment, 138 (1-3), pp. 31-39.
50. Lu, S.-G., Bai, S.-Q. Magnetic characterization and magnetic mineralogy of the Hangzhou urban soils and its environmental implications. (2008) Acta Geophysica Sinica, 51 (3), pp. 762-769.
51. Yang, T., Liu, Q., Chan, L., Cao, G. Magnetic investigation of heavy metals contamination in urban topsoils around the East Lake, Wuhan, China. (2007) Geophysical Journal International, 171 (2), pp. 603-612.
52. Motelay-Massei, A., Ollivon, D., Garban, B., Tiphagne-Larcher, K., Zimmerlin, I., Chevreuil, M. PAHs in the bulk atmospheric deposition of the Seine river basin: Source identification and apportionment by ratios, multivariate statistical techniques and scanning electron microscopy. (2007) Chemosphere, 67 (2), pp. 312-321.
53. Fialová, H., Maier, G., Petrovský, E., Kapička, A., Boyko, T., Scholger, R. Magnetic properties of soils from sites with different geological and environmental settings. (2006) Journal of Applied Geophysics, 59 (4), pp. 273-283.

33. Jordanova, N., Kovacheva, M., Kostadinova, M., 2004. Archaeomagnetic investigation and dating of Neolithic archaeological site (Kovachevo) from Bulgaria. Phys. Earth Planet. Inter., 147, 2-3, 89 – 102. *IF=2.3*

Цитира се в:

1. Pickartz, N., Rabbel, W., Rassmann, K., Müller-Scheeßel, N., Furholt, M., Müller, J., Cheben, I., Wilken, D., Wunderlich, T., Dreibrodt, S. What over 100 drillings tell us: a new method for determining the Koenigsberger ratio of soils from magnetic mapping and susceptibility logging. (2020) Archaeological Prospection, 27 (4), pp. 393-414.
2. Deenadayalan, K., Gawali, P.B., Lakshmi, B.V., Rai, M. Rock-magnetic and archaeomagnetic investigations on archaeological artefacts from Maharashtra, India. (2020) Geological Society Special Publication, 497 (1), pp. 9-26.
3. Kitahara, Y., Yamamoto, Y., Ohno, M., Kuwahara, Y., Kameda, S., Hatakeyama, T. Archeointensity estimates of a tenth-century kiln: first application of the Tsunakawa–Shaw paleointensity method to archeological relics. (2018) Earth, Planets and Space, 70 (1), art. no. 79, .
4. Mohamed Asanulla, R., Radhakrishna, T., Venkatachalapathy, R., Manoharan, C., Soumya, G.S., Sutharsan, P. Rock magnetism and geomagnetic field strength of the rare Iron Age (300–500 BC) artifacts from Tamilnadu: The first Virtual Axial Dipole Moment determination from India. (2017) GeoResJ, 14, pp. 135-144.
5. Lengyel, S. Archaeomagnetic dating. (2017) Encyclopedia of Earth Sciences Series, pp. 39-46.
6. Vázquez C., G., Solís C., B., Solleiro-Rebolledo, E., Goguitchaichvili, A., Morales C., J.J. Mineral magnetic properties of an alluvial paleosol sequence in the Maya Lowlands: Late Pleistocene–Holocene paleoclimatic implications. (2016) Quaternary International, 418, pp. 10-21.

7. Tema, E., Polymeris, G., Morales, J., Goguitchaichvili, A., Tsaknaki, V. Dating of ancient kilns: A combined archaeomagnetic and thermoluminescence analysis applied to a brick workshop at Kato Achaia, Greece. (2015) Journal of Cultural Heritage, 16 (4), pp. 496-507.
8. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
9. Tema, E., Camps, P., Ferrara, E., Poidras, T. Directional results and absolute archaeointensity determination by the classical Thellier and the multi-specimen DSC protocols for two kilns excavated at Osterietta, Italy. (2015) Studia Geophysica et Geodaetica, 59 (4), pp. 554-577.
10. Shukurov, A., Sarson, G., Videiko, M., Henderson, K., Shiel, R., Dolukhanov, P., Pashkevich, G. Productivity of Premodern agriculture in the Cucuteni–Trypillia area. (2015) Human Biology, 87 (3), pp. 235-238.
11. Ech-Chakrouni, S., Hus, J., Spassov, S. Constraints of archaeomagnetic dating and field intensity determinations in three ancient tile kilns in Belgium. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 585-604.
12. Venkatachalapathy, R., Asanulla, R.M., Manoharan, C., Radhakrishna, T. Rock magnetic and geomagnetic field intensity studies on Megalithic archaeological pottery samples from Tamilnadu, India. (2013) Quaternary International, 298, pp. 57-67.
13. Aidona, E., Kondopoulou, D. First archaeomagnetic results and dating of Neolithic structures in northern Greece. (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 827-844.
14. Rivas Ortiz, J.F., Guerrero, B.O., Rebolledo, E.S., Sedov, S., Pérez, S.S. Magnetic mineralogy of volcanic soils in a toposequence from Teotihuacan Valley [Mineralogía magnética de suelos volcánicos en una toposecuencia del valle de teotihuacán]. (2012) Boletin de la Sociedad Geologica Mexicana, 64 (1), pp. 1-20.
15. Tema, E., Kondopoulou, D. Secular variation of the Earth's magnetic field in the Balkan region during the last eight millennia based on archaeomagnetic data. (2011) Geophysical Journal International, 186 (2), pp. 603-614.
16. Ben-Yosef, E., Tauxe, L., Levy, T.E. Archaeomagnetic dating of copper smelting site f2 in the timna valley (israel) and its implications for the modelling of ancient technological developments. (2010) Archaeometry, 52 (6), pp. 1110-1121.
17. Carrancho, Á., Villalaín, J.J., Angelucci, D.E., Dekkers, M.J., Vallverdú, J., Vergès, J.M. Rock-magnetic analyses as a tool to investigate archaeological fired sediments: A case study of mirador cave (Sierra de Atapuerca, Spain). (2009) Geophysical Journal International, 179 (1), pp. 79-96.
18. Gallet, Y., Genevey, A., Le Goff, M., Warmé, N., Gran-Aymerich, J., Lefèvre, A. On the use of archeology in geomagnetism, and vice-versa: Recent developments in archeomagnetism. (2009) Comptes Rendus Physique, 10 (7), pp. 630-648.
19. Manoharan, C., Veeramuthu, K., Venkatachalapathy, R., Ilango, R. Studies on rock magnetic and paleointensity of some archaeological artifacts from Tamilnadu, India. (2008) Journal of Zhejiang University: Science A, 9 (7), pp. 988-993.
20. De Marco, E., Spassov, S., Kondopoulou, D., Zananiri, I., Gerofoka, E. Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 481-495.
21. Tema, E., Lanza, R. Archaeomagnetic study of a lime kiln at Bazzano (northern Italy). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 534-543.
22. Sagnotti, L. The contribute of paleomagnetism to the stratigraphy of the middle- late Pleistocene (Brunhes Chron) [Contributi del paleomagnetismo alla stratigrafia del Pleistocene medio-superiore (Brunhes Chron)]. (2008) Alpine and Mediterranean Quaternary, 21 (1), pp. 69-74.
23. Ben-Yosef, E., Tauxe, L., Ron, H., Agnon, A., Avner, U., Najjar, M., Levy, T.E. A new approach for geomagnetic archaeointensity research: insights on ancient metallurgy in the Southern Levan. (2008) Journal of Archaeological Science, 35 (11), pp. 2863-2879.

34. Kovacheva,M., Hedley I., *Jordanova N.*, Kostadinova M., Gigov V., 2004. Archaeomagnetic dating of archaeological sites from Switzerland and Bulgaria. J. Archaeol. Science, 31, 1463-1479. *IF=2.8*

Цитира се в:

1. Pavón-Carrasco, F.J., Campuzano, S.A., Rivero-Montero, M., Molina-Cardín, A., Gómez-Paccard, M., Osete, M.L. SCHA.DIF.4k: 4,000 Years of Paleomagnetic Reconstruction for Europe and Its Application for Dating. (2021) Journal of Geophysical Research: Solid Earth, 126 (3), art. no. e2020JB021237, .

2. Schnepp, E., Thallner, D., Arneitz, P., Leonhardt, R. New archeomagnetic secular variation data from Central Europe, II: Intensities. (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106605, .
3. Korte, M., Brown, M.C., Gunnarson, S.R., Nilsson, A., Panovska, S., Wardinski, I., Constable, C.G. Refining Holocene geochronologies using palaeomagnetic records. (2019) Quaternary Geochronology, 50, pp. 47-74.
4. Hervé, G., Faβbinder, J., Gilder, S.A., Faβbinder, J., Metzner-Nebelsick, C., Geisweid, L., Reuβ, S., Flontas, A., Walter, F., Westhausen, I., Gallet, Y., Genevey, A., Schnepp, E., Pütz, A., Wittenborn, F., Linke, R., Riedel, G. Fast geomagnetic field intensity variations between 1400 and 400 BCE: New archaeointensity data from Germany. (2017) Physics of the Earth and Planetary Interiors, 270, pp. 143-156.
5. Lengyel, S. Archaeomagnetic dating. (2017) Encyclopedia of Earth Sciences Series, pp. 39-46.
6. Ech-Chakrouni, S., Hus, J., Spassov, S. Constraints of archaeomagnetic dating and field intensity determinations in three ancient tile kilns in Belgium. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 585-604.
7. Hervé, G., Chauvin, A., Lanos, P. Geomagnetic field variations in Western Europe from 1500BC to 200AD. Part II: New intensity secular variation curve. (2013) Physics of the Earth and Planetary Interiors, 218, pp. 51-65.
8. Fanjat, G., Camps, P., Alva Valdivia, L.M., Sougrati, M.T., Cuevas-Garcia, M., Perrin, M. First archeointensity determinations on Maya incense burners from Palenque temples, Mexico: New data to constrain the Mesoamerica secular variation curve. (2013) Earth and Planetary Science Letters, 363, pp. 168-180.
9. Matau, F., Nica, V., Postolache, P., Ursachi, I., Cotiuga, V., Stancu, A. Physical study of the cucuteni pottery technology. (2013) Journal of Archaeological Science, 40 (2), pp. 914-925.
10. Donadini, F., Motschi, A., Rösch, C., Hajdas, I. Combining an archaeomagnetic and radiocarbon study: Dating of medieval fireplaces at the Mühlegasse, Zürich. (2012) Journal of Archaeological Science, 39 (7), pp. 2153-2166.
11. Quesnel, Y., Jrad, A., Mocci, F., Gattacceca, J., Mathé, P.-E., Parisot, J.-C., Hermitte, D., Dumas, V., Dussouillez, P., Walsh, K., Miramont, C., Bonnet, S., Uehara, M. Geophysical signatures of a roman and early medieval necropolis. (2011) Archaeological Prospection, 18 (2), pp. 105-115.
12. Haltia-Hovi, E., Nowaczyk, N., Saarinen, T. Environmental influence on relative palaeointensity estimates from Holocene varved lake sediments in Finland. (2011) Physics of the Earth and Planetary Interiors, 185 (1-2), pp. 20-28.
13. Downey, W.S. Orientations of minoan buildings on crete may indicate the first recorded use of the magnetic compass. (2011) Mediterranean Archaeology and Archaeometry, 11 (1), pp. 9-20.
14. Warrier, A.K., Sandeep, K., Harshavardhana, B.G., Shankar, R., Pappu, S., Akhilesh, K., Prabhu, C.N., Gunnell, Y. A rock magnetic record of Pleistocene rainfall variations at the Palaeolithic site of Attirampakkam, Southeastern India. (2011) Journal of Archaeological Science, 38 (12), pp. 3681-3693.
15. Stark, F., Cassidy, J., Hill, M.J., Shaw, J., Sheppard, P. Establishing a first archaeointensity record for the SW Pacific (2010) Earth and Planetary Science Letters, 298 (1-2), pp. 113-124.
16. Donadini, F., Korte, M., Constable, C. Millennial variations of the geomagnetic field: From data recovery to field reconstruction. (2010) Space Science Reviews, 155 (1-4), pp. 219-246.
17. Batayneh, A.T. The use of magnetometry and pole-dipole resistivity for locating Nabataean Hawar archeological site in the SW-Jordan. (2010) Archaeological and Anthropological Sciences, 2 (3), pp. 151-156.
18. Haltia-Hovi, E., Nowaczyk, N., Saarinen, T. Holocene palaeomagnetic secular variation recorded in multiple lake sediment cores from eastern Finland. (2010) Geophysical Journal International, 180 (2), pp. 609-622.
19. Lodge, A., Holme, R. Towards a new approach to archaeomagnetic dating in Europe using geomagnetic field modeling. (2009) Archaeometry, 51 (2), pp. 309-322.
20. Schnepp, E., Lanos, P., Chauvin, A. Geomagnetic paleointensity between 1300 and 1750 A.D. derived from a bread oven floor sequence in Lübeck, Germany. (2009) Geochemistry, Geophysics, Geosystems, 10 (8), art. no. Q08003, .
21. Gallet, Y., Genevey, A., Le Goff, M., Warmé, N., Gran-Aymerich, J., Lefèvre, A. On the use of archeology in geomagnetism, and vice-versa: Recent developments in archeomagnetism. (2009) Comptes Rendus Physique, 10 (7), pp. 630-648.
22. De Marco, E., Spassov, S., Kondopoulou, D., Zananiri, I., Gerofoka, E. Archaeomagnetic study and dating of a Hellenistic site in Katerini (N. Greece). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 481-495.
23. Tema, E., Lanza, R. Archaeomagnetic study of a lime kiln at Bazzano (northern Italy). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 534-543.

24. Gómez-Paccard, M., Beamud, E. Recent achievements in archaeomagnetic dating in the Iberian Peninsula: application to Roman and Mediaeval Spanish structures. (2008) Journal of Archaeological Science, 35 (5), pp. 1389-1398.
25. Ben-Yosef, E., Tauxe, L., Ron, H., Agnon, A., Avner, U., Najjar, M., Levy, T.E. A new approach for geomagnetic archaeointensity research: insights on ancient metallurgy in the Southern Levant. (2008) Journal of Archaeological Science, 35 (11), pp. 2863-2879.
26. Casas, L., Linford, P., Shaw, J. Archaeomagnetic dating of Dogmersfield Park brick kiln (Southern England). (2007) Journal of Archaeological Science, 34 (2), pp. 205-213.
27. Schnepp, E., Lanos, P. A preliminary secular variation reference curve for archaeomagnetic dating in Austria. (2006) Geophysical Journal International, 166 (1), pp. 91-96.
28. Schnepp, E., Lanos, P. Archaeomagnetic secular variation in Germany during the past 2500 years. (2005) Geophysical Journal International, 163 (2), pp. 479-490.
29. Hus, J., Geeraerts, R. Origin of deviations between the remanent magnetisation and inducing geomagnetic field direction in kilns and implications on archaeomagnetic dating.
30. Hus, J., Geeraerts, R., Plumier, J. On the suitability of refractory bricks from a mediaeval brass melting and working site near Dinant (Belgium) as geomagnetic field recorders. (2004) Physics of the Earth and Planetary Interiors, 147 (2-3 SPEC.ISS.), pp. 103-116.

35. Kostadinova, M, *Jordanova N.*, Jordanova, D., Kovacheva, M., 2004. Preliminary Study on the Effect of Water Glass Impregnation on the Rock-Magnetic Properties of Baked Clay. Studia Geophysica et Geodaetica, 48 (3), 637–646, *IF=0.9*

Цитира се в:

1. Batt, C. Archaeomagnetic Dating (Book Chapter) (2023). Handbook of Archaeological Sciences, Volume 1, Second Edition, pp. 99-117
2. Hounslow, M.W., White, H.E., Drake, N.A., Salem, M.J., El-Hawat, A., McLaren, S.J., Karloukovski, V., Noble, S.R., Hlal, O. Miocene humid intervals and establishment of drainage networks by 23 Ma in the central Sahara, southern Libya. (2017) Gondwana Research, 45, pp. 118-137.
3. Hammond, M.L., Lanos, P.H., Hill, M.J., Colleoni, F. An Archaeomagnetic Study of a Roman Bath in Southern France. (2017) Archaeometry, 59 (2), pp. 356-372.
4. Hounslow, M.W., McIntosh, G., Edwards, R.A., Laming, D.J.C., Karloukovski, V. End of the Kiaman Superchron in the permian of SW England: Magnetostratigraphy of the aylesbeare mudstone and exeter groups. (2017) Journal of the Geological Society, 174 (1), pp. 56-74.
5. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
6. Constable, C., Korte, M. Centennial- to Millennial-Scale Geomagnetic Field Variations. (2015) Treatise on Geophysics: Second Edition, 5, pp. 309-341.
7. Lurcock, P.C., Wilson, G.S. The palaeomagnetism of glauconitic sediments. (2013) Global and Planetary Change, 110, pp. 278-288.
8. Trapanese, A., Batt, C.M., Schnepp, E. Sampling methods in archaeomagnetic dating: A comparison using case studies from Wörterberg, Eisenerz and Gams Valley (Austria). (2008) Physics and Chemistry of the Earth, 33 (6-7), pp. 414-426.
9. Gómez-paccard, M., Catanzariti, G., Ruiz-Martínez, V.C., McIntosh, G., Núñez, J.I., Osete, M.L., Chauvin, A., Lanos, Ph., Tarling, D.H., Bernal-Casasola, D., Thiriot, J., Sáez-Espligares, A., Garcia-Villanueva, I., Gisbert-Santonja, J.A., Hervás, M.A., Jiménez-Castillo, P., Mesquida-Garciá, M., Navarro, I., Orfila-Pons, M., Ramirez-González, I., Retuerce, M., Urbina, D., Urquijo, C. A catalogue of Spanish archaeomagnetic data. (2006) Geophysical Journal International, 166 (3), pp. 1125-1143.

36. Henry, B., Jordanova, D., *Jordanova, N.*, Le Goff, M., 2005. Transformations of magnetic mineralogy in rocks revealed by difference of hysteresis loops measured after stepwise heating: Theory and case studies. Geophys. J. Int., 162, 64-78. *IF=2.8*

Цитира се в:

1. Măţău, F., Chişcan, O., Pintilei, M., Garvăn, D., Stancu, A. Technological features of the chalcolithic pottery from târpeşti (Neamţ county, Eastern Romania). (2019) Mediterranean Archaeology and Archaeometry, 19 (3), pp. 93-104.

2. Yang, T., Dekkers, M.J., Zhang, B. Seismic heating signatures in the Japan Trench subduction late-boundary fault zone: Evidence from a preliminary rock magnetic 'geothermometer'. (2016) Geophysical Journal International, 205 (1), pp. 332-344.
3. Gómez-García, C., Martin-Hernandez, F., López García, J.A., Martínez-Pagán, P., Manteca, J.I., Carmona, C. Rock magnetic characterization of the mine tailings in Portman Bay (Murcia, Spain) and its contribution to the understanding of the bay infilling process. (2015) Journal of Applied Geophysics, 120, pp. 48-59.
4. Urrutia-Fucugauchi, J., Delgadillo-Peralta, M., Pérez-Cruz, L., Velasco-Villarreal, M. Heating-induced changes in the anisotropy of magnetic susceptibility of impact breccias, Chicxulub Crater (Mexico). (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 769-787.
5. Qin, H., He, H., Liu, Q., Cai, S. Palaeointensity just at the onset of the Cretaceous normal superchron. (2011) Physics of the Earth and Planetary Interiors, 187 (3-4), pp. 199-211.
6. Hill, M.J., Pan, Y., Davies, C.J. An assessment of the reliability of palaeointensity results obtained from the Cretaceous aged Suhongtu section, Inner Mongolia, China. (2008) Physics of the Earth and Planetary Interiors, 169 (1-4), pp. 76-88.
7. Krása, D., Matzka, J. Inversion of titanomaghemite in oceanic basalt during heating. (2007) Physics of the Earth and Planetary Interiors, 160 (2), pp. 169-179.
8. Carporzen, L., Gilder, S.A., Hart, R.J. Origin and implications of two Verwey transitions in the basement rocks of the Vredefort meteorite crater, South Africa. (2006) Earth and Planetary Science Letters, 251 (3-4), pp. 305-317.
9. Carporzen, L., Gilder, S.A. Evidence for coeval late triassic terrestrial impacts from the Rochechouart (France) meteorite crater. (2006) Geophysical Research Letters, 33 (19), art. no. L19308, .
10. Krása, D., Herrero-Bervera, E. Alteration induced changes of magnetic fabric as exemplified by dykes of the Koolau volcanic range. (2005) Earth and Planetary Science Letters, 240 (2), pp. 445-453.

37. Jordanova, D., *Jordanova, N.*, Hoffmann, V., 2006. Magnetic mineralogy and grain-size dependence of hysteresis parameters of single spherules from industrial waste products. Phys. Earth Planet. Inter., 154, 255-265. *IF=2.3*

Цитира се в:

1. Bábek, O., Fačevicová, K., Žídek, M., (...), Nordhausen, K., Hron, K. X-ray fluorescence scanning of soft and wet-sediment cores in terrestrial environments; A robust blind source separation approach, (2022) Journal of Geochemical Exploration, 243,107106
2. Ivanov, M.A., Tyufekchiev, K.A. Soil Magnetic Susceptibility Properties as Indicators of Heavy Metals Pollution in “Bobov Dol” TPP Area (Bulgaria). (2022) Ecologia Balkanica 14(1), pp. 103-111.
3. Mondal, S., Chatterjee, S., Gain, D. Mineralogy and Morphological Characterization of Technogenic Magnetic Particles (TMP) from Industrial Dust: Insights into Environmental Implications. (2021) In: Shit, P.K., Adhikary, P.P., Sengupta, D. (eds) Spatial Modeling and Assessment of Environmental Contaminants. Environmental Challenges and Solutions. Springer, Cham. https://doi.org/10.1007/978-3-030-63422-3_26
4. Narayana, A.C., Ismaiel, M., Priju, C.P. An environmental magnetic record of heavy metal pollution in Vembanad lagoon, southwest coast of India. (2021) Marine Pollution Bulletin, 167, art. no. 112344, .
5. Górka-Kostrubiec, B., Magiera, T., Dudzisz, K., Dytłow, S., Wawer, M., Winkler, A., Integrated magnetic analyses for the discrimination of urban and industrial dusts. (2020) Minerals, 10 (12), art. no. 1056, pp. 1-24.
6. Botsou, F., Moutafis, I., Dalaina, S., Kelepertzis, E. Settled bus dust as a proxy of traffic-related emissions and health implications of exposures to potentially harmful elements. (2020) Atmospheric Pollution Research, 11 (10), pp. 1776-1784.
7. Herbelin, M., Bascou, J., Lavastre, V., Guillaume, D., Benbakkar, M., Peuble, S., Baron, J.-P. Steel slag characterisation—benefit of coupling chemical, mineralogical and magnetic techniques. (2020) Minerals, 10 (8), art. no. 705, pp. 1-19.
8. Funari, V., Mantovani, L., Vigliotti, L., Dinelli, E., Tribaudino, M. Understanding room-temperature magnetic properties of anthropogenic ashes from municipal solid waste incineration to assess potential impacts and resources. (2020) Journal of Cleaner Production, 262, art. no. 121209, .
9. Szczepaniak-Wnuk, I., Górka-Kostrubiec, B., Dytłow, S., Szwarczewski, P., Kwapuliński, P., Karasiński, J. Assessment of heavy metal pollution in Vistula river (Poland) sediments by using magnetic methods. (2020) Environmental Science and Pollution Research, 27 (19), pp. 24129-24144.

10. Winkler, A., Contardo, T., Vannini, A., Sorbo, S., Basile, A., Loppi, S. Magnetic emissions from brake wear are the major source of airborne particulate matter bioaccumulated by lichens exposed in Milan (Italy). (2020) Applied Sciences (Switzerland), 10 (6), art. no. 2073, .
11. Winkler, A., Caricchi, C., Guidotti, M., Owczarek, M., Macrì, P., Nazzari, M., Amoroso, A., Di Giosa, A., Listrani, S. Combined magnetic, chemical and morphoscopic analyses on lichens from a complex anthropic context in Rome, Italy. (2019) Science of the Total Environment, 690, pp. 1355-1368.
12. Lestyowati, T., Fajar, S.J., Bijaksana, S. Magnetic characterization of industrial dust from Gresik, East Java, Indonesia (2019) Journal of Physics: Conference Series, 1204 (1), art. no. 012077, .
13. Funari, V., Mantovani, L., Vigliotti, L., Tribaudino, M., Dinelli, E., Braga, R. Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. (2018) Science of the Total Environment, 621, pp. 687-696.
14. Cowan, E.A., Epperson, E.E., Seramur, K.C., Brachfeld, S.A., Hageman, S.J. Magnetic susceptibility as a proxy for coal ash pollution within riverbed sediments in a watershed with complex geology (southeastern USA). (2017) Environmental Earth Sciences, 76 (19), art. no. 657, .
15. Bourliva, A., Papadopoulou, L., Aidona, E., Giouri, K., Simeonidis, K., Vourlias, G. Characterization and geochemistry of technogenic magnetic particles (TMPs) in contaminated industrial soils: Assessing health risk via ingestion. (2017) Geoderma, 295, pp. 86-97.
16. Zawadzki, J., Szuszkiewicz, M., Fabijańczyk, P., Magiera, T. Geostatistical discrimination between different sources of soil pollutants using a magneto-geochemical data set. (2016) Chemosphere, 164, pp. 668-676.
17. Chudaničová, M., Hutchinson, S.M. Magnetic signature of overbank sediment in industry impacted floodplains identified by data mining methods. (2016) Geophysical Journal International, 207 (2), art. no. ggw321, pp. 1106-1121.
18. Szuszkiewicz, M., Łukasik, A., Magiera, T., Mendakiewicz, M. Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach, (2016) Environmental Pollution, 214, pp. 464-477.
19. Chudaničová, M., Hutchinson, S.M., Hradecký, J., Sedláček, J. Environmental magnetism as a dating proxy for recent overbank sediments of (peri-)industrial regions in the Czech Republic and UK. (2016) Catena, 142, pp. 21-35.
20. Lu, S., Yu, X., Chen, Y. Magnetic properties, microstructure and mineralogical phases of technogenic magnetic particles (TMPs) in urban soils: Their source identification and environmental implications. (2016) Science of the Total Environment, 543, pp. 239-247.
21. Sarkheil, H. 4D Magnetic Susceptibility Modelling of Soil Pollution along Tehran-Karaj Highway, along with Fractal Analysis of Pollution. (2016) 22nd European Meeting of Environmental and Engineering Geophysics, Near Surface Geoscience 2016, .
22. Szuszkiewicz, M., Magiera, T., Kapička, A., Petrovský, E., Grison, H., Gołuchowska, B. Magnetic characteristics of industrial dust from different sources of emission: A case study of Poland. (2015) Journal of Applied Geophysics, 116, pp. 84-92.
23. Famera, M., Babek, O., Matys Grygar, T., Novakova, T. Distribution of heavy-metal contamination in regulated river-channel deposits: A magnetic susceptibility and grain-size approach; River morava, Czech republic. (2013) Water, Air, and Soil Pollution, 224 (5), art. no. 1525, .
24. Zhang, C., Qiao, Q., Appel, E., Huang, B. Discriminating sources of anthropogenic heavy metals in urban street dusts using magnetic and chemical methods. (2012) Journal of Geochemical Exploration, 119-120, pp. 60-75.
25. Yang, T., Liu, Q., Zeng, Q., Chan, L. Relationship between magnetic properties and heavy metals of urban soils with different soil types and environmental settings: Implications for magnetic mapping. (2012) Environmental Earth Sciences, 66 (2), pp. 409-420.
26. El Baghdadi, M., Jakani, K., Barakat, A., Bay, Y. Magnetic susceptibility and heavy metal contamination in agricultural soil of Tadla plain. (2011) Journal of Materials and Environmental Science, 2 (SUPPL. 1), pp. 513-519.
27. Kapička, A., Kodešová, R., Petrovský, E., Hůlka, Z., Grison, H., Kaška, M. Experimental study of fly-ash migration by using magnetic method. (2011) Studia Geophysica et Geodaetica, 55 (4), pp. 683-696.
28. Blaha, U., Basavaiah, N., Deenadayalan, K., Borole, D.V., Mohite, R.D. Onset of industrial pollution recorded in Mumbai mudflat sediments, using integrated magnetic, chemical, 210Pb dating, and microscopic methods. (2011) Environmental Science and Technology, 45 (2), pp. 686-692.
29. Niyogi, A., Pati, J.K., Patel, S.C., Panda, D., Patil, S.K. Anthropogenic and impact spherules: Morphological similarity and chemical distinction - a case study from India and its implications. (2011) Journal of Earth System Science, 120 (6), pp. 1043-1054.

30. Huliselan, E.K., Bijaksana, S., Srigutomo, W., Kardena, E. Scanning electron microscopy and magnetic characterization of iron oxides in solid waste landfill leachate. (2010) Journal of Hazardous Materials, 179 (1-3), pp. 701-708.
31. Yang, T., Liu, Q., Li, H., Zeng, Q., Chan, L. Anthropogenic magnetic particles and heavy metals in the road dust: Magnetic identification and its implications. (2010) Atmospheric Environment, 44 (9), pp. 1175-1185.
32. Zhang, C.-X., Huang, B.-C., Liu, Q.-S. Magnetic properties of different pollution receptors around steel plants and their environmental significance. (2009) Acta Geophysica Sinica, 52 (11), pp. 2826-2839.
33. Sagnotti, L., Taddeucci, J., Winkler, A., Cavallo, A. Compositional, morphological, and hysteresis characterization of magnetic airborne particulate matter in Rome, Italy. (2009) Geochemistry, Geophysics, Geosystems, 10 (8), art. no. Q08Z06, .
34. Yang, T., Liu, Q., Zeng, Q., Chan, L. Environmental magnetic responses of urbanization processes: Evidence from lake sediments in East Lake, Wuhan, China. (2009) Geophysical Journal International, 179 (2), pp. 873-886.
35. Blaha, U., Sapkota, B., Appel, E., Stanjek, H., Rösler, W. Micro-scale grain-size analysis and magnetic properties of coal-fired power plant fly ash and its relevance for environmental magnetic pollution studies. (2008) Atmospheric Environment, 42 (36), pp. 8359-8370.
36. Szönyi, M., Sagnotti, L., Hirt, A.M. A refined biomonitoring study of airborne particulate matter pollution in Rome, with magnetic measurements on Quercus Ilex tree leaves. (2008) Geophysical Journal International, 173 (1), pp. 127-141.

38. Knab, M., Hoffmann, V., Petrovsky, E., Kapicka, A., *Jordanova, N.*, Appel, E., 2006. Surveying the anthropogenic impact of the Moldau river sediments and nearby soils using magnetic susceptibility. Environmental Geology (now: Environmental Earth Sciences), 49, 527-535 *IF=2.8*

Цитира се в:

1. Junge, M; Goldmann, S and Wotruba, H. Mineralogy and mineral chemistry of detrital platinum-group minerals andgold particles from the Elbe, Germany. (2023). Eur. J. Miner. 35 (4) , pp.439-459
2. Rong, SW; Wu, J; (...); Cao, XY Environmental Magnetic Characteristics and Heavy Metal Pollution Assessment of Sediments in the Le'an River, China. (2023) Minerals, 13 (2), 145.
3. Kanu, MO and Abong, AA., The assessment of heavy metal pollution in river sands of Jalingo, Nigeria using magnetic proxy parameters, pollution, and ecotoxicological indices. (2022) ACTA GEOCHIMICA 41 (6) , pp.1083-1103.
4. Banerjee, S; Kumar, A; (...); Srivastava, HB., Magnetic susceptibility mapping of roadside pollution in the Banaras Hindu University campus, Varanasi, India. (2021) Current Science, 121 (8) , pp.1046-1055
5. Narayana, AC; Ismaiel, M and Priju, CP., An environmental magnetic record of heavy metal pollution in Vembanad lagoon, southwest coast of India (2021) Marine Pollution Bulletin, 167
6. Gardes, T., Debret, M., Copard, Y., ...Leroy, B., Portet-Koltalo, F. Reconstruction of anthropogenic activities in legacy sediments from the Eure River, a major tributary of the Seine Estuary (France). (2020) Catena, 190, 104513
7. Kapper, K.L., Bautista, F., Goguitchaishvili, A., ...Cejudo-Ruíz, R., Solano, M.C. The use and misuse of magnetic methods to monitor environmental pollution in urban areas. (2020) Boletin de la Sociedad Geologica Mexicana, 72(1), pp. 1–44.
8. Senthil KumarC. K. & Chandrasekaran A. Multivariate statistical tool to analyse the environmental magnetic data in Ponnai River Sand, Tamil Nadu. (2020) Environmental Earth Sciences volume 79, Article number: 497
9. Szczepaniak-Wnuk, Iga; Gorka-Kostrubiec, Beata. Magnetic Study of Sediments from the Vistula River in Warsaw-Preliminary Results. (2018) MAGNETOMETRY IN ENVIRONMENTAL SCIENCES: STUDYING ENVIRONMENTAL STRUCTURE CHANGES AND ENVIRONMENTAL POLLUTION Book Series: GeoPlanet-Earth and Planetary Sciences, 23-35.
10. Franciskovic-Bilinski, Stanislav; Bilinski, Halka; Maldini, Kresimir; et al. Chemical and magnetic tracing of coal slag pollutants in karstic river sediments", (2017) ENVIRONMENTAL EARTH SCIENCES, 76, 14, Article Number: 476.
11. Sudarningsih, Sudarningsih; Bijaksana, Satria; Ramdani, Rizky; et al. Variations in the Concentration of Magnetic Minerals and Heavy Metals in Suspended Sediments from Citarum River and Its Tributaries, West Java, Indonesia", (2017) GEOSCIENCES , 7, 3, Article Number: UNSP 66.

12. Sudarningsih; Maulana, Luki; Bijaksana, Satria; et al. Magnetic Characterization of Sand and Boulder Samples from Citarum River and Their Origin (2017), JOURNAL OF MATHEMATICAL AND FUNDAMENTAL SCIENCES, 49, 2, 116-126
13. Gargiulo, Jose D.; Kumar, R. Senthil; Chaparro, Marcos A. E.; et al. Magnetic properties of air suspended particles in thirty eight cities from south India. (2016) ATMOSPHERIC POLLUTION RESEARCH Volume: 7 Issue: 4 Pages: 626-637.
14. Luo, Chao; Zheng, Yan; Zheng, Hongbo; et al. Temporal and spatial variations in magnetic properties of suspended particular matter in the Yangtze River drainage and their implications. (2016) JOURNAL OF ASIAN EARTH SCIENCES Volume: 124 Pages: 204-213.
15. Novakova, T., Grygar, TM., Kotkova, K., Elznicova, J., Strnad, L., Mihaljevic, M. Pollution assessment using local enrichment factors: the Berounka River (Czech Republic), (2016) JOURNAL OF SOILS AND SEDIMENTS, 16 (3), 1081-1092
16. Chaparro, MAE., Krishnamoorthy, N., Chaparro, MAE., Lecomte, KL., Mullainathan, S., Mehra, R., Sinito, AM Magnetic, chemical and radionuclide studies of river sediments and their variation with different physiographic regions of Bharathapuzha River, southwestern India. (2015) STUDIA GEOPHYSICA ET GEODAETICA, 59 (3), 438-460
17. Kanu, MO., Meludu, OC., Oniku, SA. Comparative study of top soil magnetic susceptibility variation based on some human activities. (2014) GEOFISICA INTERNACIONAL, 53 (4), 411-423
18. Chaparro, MAE., Suresh, G., Chaparro, MAE., Ramasamy, V., Sinito, AM. Magnetic studies and elemental analysis of river sediments: a case study from the Ponnaiyar River (Southeastern India). (2013) ENVIRONMENTAL EARTH SCIENCES, 70 (1), 201-213
19. Famera, M., Babek, O., Grygar, TM., Novakova, T. Distribution of Heavy-Metal Contamination in Regulated River-Channel Deposits: a Magnetic Susceptibility and Grain-Size Approach; River Morava, Czech Republic. (2013) WATER AIR AND SOIL POLLUTION, 224 (5), 1525
20. Novakova, T., Matys Grygar, T., Babek, O., Famera, M., Mihaljevic, M., Strnad, L. Distinguishing regional and local sources of pollution by trace metals and magnetic particles in fluvial sediments of the Morava River, Czech Republic. (2013) JOURNAL OF SOILS AND SEDIMENTS, 13 (2), 460-473
21. Grygar, TM., Novakova, T., Mihaljevic, M., Strnad, L., Svetlik, I., Koptikova, L., Lisa, L., Brazdil, R., Macka, Z., Stachon, Z., Svitavska-Svobodova, H., Wray, DS. Surprisingly small increase of the sedimentation rate in the floodplain of Morava River in the Straznice area, Czech Republic, in the last 1300 years. (2011) CATENA, 86 (3), 192-207
22. Chaparro, MAE., Chaparro, MAE., Rajkumar, P., Ramasamy, V., Sinito, AM. Magnetic parameters, trace elements, and multivariate statistical studies of river sediments from southeastern India: a case study from the Vellar River. (2011) ENVIRONMENTAL EARTH SCIENCES, 63 (2), 297-310
23. Sandeep, K., Shankar, R., Krishnaswamy, J. Assessment of suspended particulate pollution in the Bhadra River catchment, Southern India: an environmental magnetic approach. (2011) ENVIRONMENTAL EARTH SCIENCES, 62 (3), 625-637
24. Suresh, G., Ramasamy, V., Meenakshisundaram, V., Venkatachalapathy, R., Ponnusamy, V. A relationship between the natural radioactivity and mineralogical composition of the Ponnaiyar river sediments, India. (2011) JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, 102 (4), 370-377
25. Grygar, T., Svetlik, I., Lisa, L., Koptikova, L.,Bajer, A., Wray, DS., Ettler, V., Mihaljevic, M., Novakova, T, Koubova, M., Novak, J., Macka, Z., Smetana, M., Geochemical tools for the stratigraphic correlation of floodplain deposits of the Morava River in Straznicke Pomoravi, Czech Republic from the last millennium. (2010) CATENA, 80 (2), 106 – 121
26. Ramasamy, V, Suresh, G. Venkatachalapathy, R.,Ponnusamy, V., Meenakshisundaram, V., Magnetic Susceptibility and Radiological Hazardous Nature of the River. Sediments - Spectroscopical Approach. (2010) ACTA PHYSICA POLONICA A, 118 (4), 701 - 711
27. Chaparro, MAE., Sinito, AM., Ramasamy, V., Marinelli, C., Chaparro, MAE., Mullainathan, S., Murugesan, S. Magnetic measurements and pollutants of sediments from Cauvery and Palaru River, India. (2008) ENVIRONMENTAL GEOLOGY, 56, (2), 425-437
28. Yang, T., Liu, QS., Zeng, QL., Chan, LS. Environmental magnetic responses of urbanization processes: evidence from lake sediments in East Lake, Wuhan, China. (2009) GEOPHYSICAL JOURNAL INTERNATIONAL, 179, (2), 873-886
29. Chaparro, MAE., Chaparro, MAE., Marinelli, C., Sinito, AM. Multivariate techniques as alternative statistical tools applied to magnetic proxies for pollution: a case study from Argentina and Antarctica. (2008) ENVIRONMENTAL GEOLOGY, 54, (2), 365-371
30. Yang, T., Liu, Q., Chan, LS., Liu, ZD. Magnetic signature of heavy metals pollution of sediments: case study from the East Lake in Wuhan, China. (2007) ENVIRONMENTAL GEOLOGY, 52 (8), 1639-1650

31. Chaparro, MAE., Gogorza, CSG., Chaparro, MAE., Irurzun, MA., Sinito, AM. Review of magnetism and heavy metal pollution studies of various environments in Argentina. (2006) EARTH PLANETS AND SPACE, 58 (10), 1411-1422

39. Jordanova, N., Jordanova, D., Henry, B., LeGoff, M., Dimov, D., Tsacheva, Ts., 2006. Magnetism of cigarette ashes. J. Magn. Magn. Mater., 301, 50-66. *IF=2.7*

Цитира се в:

1. Leite, A.D.S., Rousse, S., Léon, J.-F., (...), Nardin, E., Macouin, M. Barking up the Right Tree: Using Tree Bark to Track Airborne Particles in School Environment and Link Science to Society. (2022) GeoHealth 6(9),e2022GH000633.
2. Chen, Y., Zhang, W., Dong, C., Hutchinson, S.M., Feng, H. Characteristics of iron-containing magnetic particles in household dust from an urban area: A case study in the megacity of Shanghai. (2022) Journal of Hazardous Materials, 424,127212
3. Leite, A.D.S., Léon, J.-F., Macouin, M., Rousse, S., da Trindade, R.I.F., Proietti, A., Drigo, L., Antonio, P.Y.J., Akpo, A.B., Yoboué, V., Liousse, C. Pm2.5 magnetic properties in relation to urban combustion sources in southern west Africa. (2021) Atmosphere, 12 (4), art. no. 496, .
4. Till, J.L., Moskowitz, B., Poulton, S.W. Magnetic Properties of Plant Ashes and Their Influence on Magnetic Signatures of Fire in Soils. (2021) Frontiers in Earth Science, 8, art. no. 592659, .
5. Lu, D., Luo, Q., Chen, R., Zhuansun, Y., Jiang, J., Wang, W., Yang, X., Zhang, L., Liu, X., Li, F., Liu, Q., Jiang, G. Chemical multi-fingerprinting of exogenous ultrafine particles in human serum and pleural effusion. (2020) Nature Communications, 11 (1), art. no. 2567, .
6. Lee, S., Kim, S., Kim, H., Seo, Y., Ha, Y., Kim, H., Ha, R., Yu, Y. Tracing of traffic-related pollution using magnetic properties of topsoils in Daejeon, Korea. (2020) Environmental Earth Sciences, 79 (20), art. no. 485, .
7. Petrovský, E., Remeš, J., Kapička, A., Podrázský, V., Grison, H., Borůvka, L. Magnetic mapping of distribution of wood ash used for fertilization of forest soil. (2018) Science of the Total Environment, 626, pp. 228-234.
8. Mohamed Asanulla, R., Radhakrishna, T., Venkatachalapathy, R., Manoharan, C., Soumya, G.S., Sutharsan, P. Rock magnetism and geomagnetic field strength of the rare Iron Age (300–500 BC) artifacts from Tamilnadu: The first Virtual Axial Dipole Moment determination from India. (2017) GeoResJ, 14, pp. 135-144.
9. Maher, B.A., Ahmed, I.A.M., Karloukovski, V., MacLaren, D.A., Foulds, P.G., Allsop, D., Mann, D.M.A., Torres-Jardón, R., Calderon-Garciduenas, L. Magnetite pollution nanoparticles in the human brain. (2016) Proceedings of the National Academy of Sciences of the United States of America, 113 (39), pp. 10797-10801.
10. Szczepaniak-Wnuk, I., Górka-Kostrubiec, B. Magnetic particles in indoor dust as marker of pollution emitted by different outside sources. (2016) Studia Geophysica et Geodaetica, 60 (2), pp. 297-315.
11. Bhattacharjee, A., Mandal, H., Roy, M., Kusz, J., Zubko, M. Magnetic particulate matters in the ashes of few commonly used Indian cigarettes. (2014) Environmental Monitoring and Assessment, 186 (11), pp. 7399-7411.
12. Górka-Kostrubiec, B., Jeleńska, M., Król, E. Magnetic signature of indoor air pollution: Household dust study. (2014) Acta Geophysica, 62 (6), pp. 1478-1503.
13. Krol, E., Gorka-Kostrubiec, B., Jelenska, M. The magnetometric study of indoor air pollution inside flats located in Warsaw and its suburbs. (2013) Environmental Engineering IV - Proceedings of the Conference on Environmental Engineering IV, pp. 323-328.
14. Król, E., Górka-Kostrubiec, B., Jeleńska, M. The magnetometric study of indoor air pollution inside flats located in Warsaw and its suburbs. (2013) Environmental Engineering IV, pp. 323-328.
15. Venkatachalapathy, R., Asanulla, R.M., Manoharan, C., Radhakrishna, T. Rock magnetic and geomagnetic field intensity studies on Megalithic archaeological pottery samples from Tamilnadu, India. (2013) Quaternary International, 298, pp. 57-67.
16. Jeleńska, M., Górka-Kostrubiec, B., Król, E. Magnetic properties of dust as indicators of indoor air pollution: Preliminary results. (2011) Management of Indoor Air Quality, pp. 129-136.
17. Bhattacharjee, A., Mandal, H., Roy, M., Chini, T.K. A preliminary study on the nature of particulate matters in vehicle fuel wastes. (2011) Environmental Monitoring and Assessment, 176 (1-4), pp. 473-481.
18. D'Emilio, M., Caggiano, R., Coppola, R., MacChiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: The case study of S. Nicola di Melfi. (2010) Environmental Monitoring and Assessment, 169 (1-4), pp. 619-630.

19. Mitchell, R., Maher, B.A. Evaluation and application of biomagnetic monitoring of traffic-derived particulate pollution. (2009) Atmospheric Environment, 43 (13), pp. 2095-2103.
20. Cador, O., Caneschi, A., Rovai, D., Sangregorio, C., Sessoli, R., Sorace, L. From multidomain particles to organic radicals: The multifaceted magnetic properties of tobacco and cigarette ash. (2008) Inorganica Chimica Acta, 361 (14-15), pp. 3882-3886.
21. Talyzin, A.V., Dzwilewski, A. Ferromagnetism in C 60 polymers: Pure carbon or contamination with metallic impurities? (2007) Journal of Nanoscience and Nanotechnology, 7 (4-5), pp. 1151-1161.
22. Zulfiqar, S., Shabbir, S., Ishaq, M., Shaukat, M.S., Sarwar, M.I. Metal distribution in Pakistani and foreign brands of cigarette ash. (2006) Bulletin of Environmental Contamination and Toxicology, 77 (5), pp. 679-686.

40. Jordanova, D., *Jordanova, N*. Henry, B., Hus, J., Bascou, J., Funaki, M., Dimov, D., 2007. Changes in mean magnetic susceptibility and its anisotropy of rock samples as a result of alternating field demagnetization. Earth and Planetary Science Letters, 255, 390-401. *IF=5.3*

Цитира се в:

1. Li, Y., Han, L., Meng, Z., (...), Dong, S., Zhou, S. Application of Petrophysical Properties in the Geological Corridor of Western Liaoning Province to Petrogenesis | [辽西地质走廊带岩石物性在岩石成因研究中的应用] (2023) Jilin Daxue Xuebao (Diqiu Kexue Ban)/Journal of Jilin University (Earth Science Edition), 53(5), pp. 1623-1634. 2
2. Roperch, P., Kissel, C., Lagroix, F., (...), Poblete, F., Aminov, J. Anisotropy of magnetic susceptibility impressed during rock magnetic procedures (AF, IRM) and information on the domain state of the magnetic carriers. (2023) Physics of the Earth and Planetary Interiors, 342,107076
3. Zeeden, C., Hambach, U. Magnetic Susceptibility Properties of Loess From the Willendorf Archaeological Site: Implications for the Syn/Post-Depositional Interpretation of Magnetic Fabric. (2021) Frontiers in Earth Science, 8, art. no. 599491, .
4. Bradák, B., Seto, Y., Chadima, M., Kovács, J., Tanos, P., Újvári, G., Hyodo, M. Magnetic fabric of loess and its significance in Pleistocene environment reconstructions. (2020) Earth-Science Reviews, 210, art. no. 103385, .
5. Biedermann, A.R., Jackson, M., Bilardello, D., Feinberg, J.M., Brown, M.C., McEnroe, S.A. Influence of static alternating field demagnetization on anisotropy of magnetic susceptibility: Experiments and implications. (2017) Geochemistry, Geophysics, Geosystems, 18 (9), pp. 3292-3308.
6. Zhang, L., Sun, Z.-M., Li, H.-B., Zhao, L.-S., Cao, Y., Ye, X.-Z., Wang, L.-Z., Wang, H., He, X.-L., Han, S., Bai, M.-K., Ge, C.-L., Zhao, Y. Magnetic susceptibility of WFSD-2 borehole cores from the Longmenshan thrust belt and its implications for great seismic activity. (2017) Acta Geophysica Sinica, 60 (1), pp. 225-239.
7. Zeeden, C., Kels, H., Hambach, U., Schulte, P., Protze, J., Eckmeier, E., Marković, S.B., Klasen, N., Lehmkuhl, F. Three climatic cycles recorded in a loess-palaeosol sequence at Semlac (Romania) – Implications for dust accumulation in south-eastern Europe. (2016) Quaternary Science Reviews, 154, pp. 130-142.
8. Paramasivam, K., Ramasamy, V., Suresh, G. Impact of sediment characteristics on the heavy metal concentration and their ecological risk level of surface sediments of Vaigai river, Tamilnadu, India. (2015) Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 137, pp. 397-407.
9. Xu, M.-L., Yang, C.-B., Liu, W.-S., Wu, Y.-G., Zhang, C.-X. Study on the character relationship between the density and susceptibility of the rock and the reflection spectrum. (2015) Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis, 35 (8), pp. 2225-2230.
10. Schöbel, S., De Wall, H. AMS-NRM interferences in the Deccan basalts: Toward an improved understanding of magnetic fabrics in flood basalts. (2014) Journal of Geophysical Research: Solid Earth, 119 (4), pp. 2651-2678.
11. Schöbel, S., de Wall, H., Rolf, C. AMS in basalts: Is there a need for prior demagnetization? (2013) Geophysical Journal International, 195 (3), pp. 1509-1518.
12. Lang, Y.-Q., Hu, D.-Q., Liu, C., Zhang, B., Lu, B.-L., Wang, P.-J. Mineralogy study of magnetic susceptibility of rocks along the coast of the northern South China Sea. (2011) Acta Geophysica Sinica, 54 (2), pp. 573-587.
13. Liu, Q.-S., Deng, C.-L. Magnetic susceptibility and its environmental significances. (2009) Acta Geophysica Sinica, 52 (4), pp. 1041-1048.

41. Henry, B., Jordanova, D., *Jordanova, N*., Hus, J., Bacou, J., Funaki, M., Dimov, D., 2007. Alternating field-impressed AMS in rocks. Geophys. J. Int., 168, 533-540. *IF=2.8*

Цитира се в:

1. Roperch, P., Kissel, C., Lagroix, F., (...), Poblete, F., Aminov, J. Anisotropy of magnetic susceptibility impressed during rock magnetic procedures (AF, IRM) and information on the domain state of the magnetic carriers. (2023) Physics of the Earth and Planetary Interiors, 342,107076
2. Biedermann, A.R., Jackson, M., Bilardello, D., Feinberg, J.M., Brown, M.C., McEnroe, S.A. Influence of static alternating field demagnetization on anisotropy of magnetic susceptibility: Experiments and implications. (2017) Geochemistry, Geophysics, Geosystems, 18 (9), pp. 3292-3308.
3. Schöbel, S., De Wall, H. AMS-NRM interferences in the Deccan basalts: Toward an improved understanding of magnetic fabrics in flood basalts. (2014) Journal of Geophysical Research: Solid Earth, 119 (4), pp. 2651-2678.
4. Scḧobel, S., de Wall, H., Rolf, C. AMS in basalts: Is there a need for prior demagnetization? (2013) Geophysical Journal International, 195 (3), pp. 1509-1518

42. Jordanova D., *Jordanova N*., 2007. Application of magnetic methods for estimation of the degree of soil pollution in the area of Varna-Devnja industrial zone. 7th International Scientific Conference SGEM2007 "Modern Management of Mine Producing, Geology and Environmental Protection"11-15 June 2007, Albena, Bulgaria. Conference collection of papers on CD, Code 101475, *SJR=0.217*

43. Henry, B., Jordanova, D., *Jordanova, N*. Derder, M., Bayou, B., Amenna, M., Dimov, D., 2007. Composite magnetic fabric deciphered using heating treatment. Stud.Geophys.Geod. 51, 293-314. *IF=0.9*

Цитира се в:

1. Biedermann, A.R., Bender Koch, C., Lorenz, W.E.A., Hirt, A.M., Low-temperature magnetic anisotropy in micas and chlorite. (2014). Tectonophysics, 629(C), pp. 63-74

44. Jordanova, N*., Jordanova D., Tsacheva Ts., 2008. Application of magnetometry for delineation of anthropogenic pollution in areas covered by various soil types. Geoderma, 144(3-4),557-571. *IF=6.1

Цитира се в:

1. Ali, I., Khan, S., Ali Shah, Z., (...), Ullah, R., Raza Shah, M. Synthesis and Characterization of Silver Nanoparticles Conjugated with Triazole-N-acetamide Thiazole Derivatives for Selective Detection of Cymoxanil in Complex Samples. (2024) ChemistrySelect, 9(4),e202304484.
2. Grison, H., Janovský, M.P., Lisá, L., (...), Hron, K., Hejcman, M. Magnetic and geochemical record of soil impacted by 300 years of Early medieval settlement. (2023) Catena, 231,107368.
3. Sánchez-Duque, A., Bautista, F., Cejudo, R., Cervantes-Solano, M., Goguitchaichvili, A. Magnetic particles as pollution indicators at the Aburrá valley (Colombia) | [Las partículas magnéticas como indicadoras de contaminación en el valle de Aburrá (Colombia)]. (2023) Boletin de la Sociedad Geologica Mexicana 75(1),A181122.
4. Ivanov, M.A., Tyufekchiev, K.A. Soil Magnetic Susceptibility Properties as Indicators of Heavy Metals Pollution in "Bobov Dol" TPP Area (Bulgaria) (2022) Ecologia Balkanica, 14(1), pp. 103-111.
5. Łyszczarz, S., Lasota, J., Szuszkiewicz, M.M., Błońska, E. Soil texture as a key driver of polycyclic aromatic hydrocarbons (PAHs) distribution in forest topsoils. (2021) Scientific Reports, 11(1),14708. 6
6. Grison, H., Petrovsky, E., Hanzlikova, H. Assessing anthropogenic contribution in highly magnetic forest soils developed on basalts using magnetic susceptibility and concentration of elements. (2021) Catena, 206,105480
7. Magiera, T., Górka-Kostrubiec, B., Szumiata, T., Wawer, M. Technogenic magnetic particles from steel metallurgy and iron mining in topsoil: Indicative characteristic by magnetic parameters and Mössbauer spectra. (2021) Science of the Total Environment, 775, art. no. 145605, .

8. Li, M., Zhu, S., Ouyang, T., Tang, J., Tang, Z. Magnetic properties of the surface sediments in the Yellow River Estuary and Laizhou Bay, Bohai Sea, China: Implications for monitoring heavy metals. (2021) Journal of Hazardous Materials, 410, art. no. 124579, .
9. Parzentny, H.R., Róg, L. Distribution and mode of occurrence of co, ni, cu, zn, as, ag, cd, sb, pb in the feed coal, fly ash, slag, in the topsoil and in the roots of trees and undergrowth downwind of three power stations in Poland. (2021) Minerals, 11 (2), art. no. 133, pp. 1-33.
10. Szuszkiewicz, M., Petrovský, E., Łukasik, A., Gruba, P., Grison, H., Szuszkiewicz, M.M. Technogenic contamination or geogenic enrichment in Regosols and Leptosols? Magnetic and geochemical imprints on topsoil horizons. (2021) Geoderma, 381, art. no. 114685, .
11. Lee, S., Kim, S., Kim, H., Seo, Y., Ha, Y., Kim, H., Ha, R., Yu, Y. Tracing of traffic-related pollution using magnetic properties of topsoils in Daejeon, Korea. (2020) Environmental Earth Sciences, 79 (20), art. no. 485, .
12. El Hamzaoui, E.H., El Baghdadi, M., Oumenskou, H., Aadraoui, M., Hilali, A. Spatial repartition and contamination assessment of heavy metal in agricultural soils of Beni-Moussa, Tadla plain (Morocco). (2020) Modeling Earth Systems and Environment, 6 (3), pp. 1387-1406.
13. Ndayishimiye, J.C., Nyirabuhoro, P., Wang, Q., Yang, X., Yang, J. Effects of natural and anthropogenic changes on testate amoebae communities in an alpine lake over the past 2500 years. (2020) Science of the Total Environment, 721, art. no. 137684, .
14. Ayoubi, S., Moazzeni Dehaghani, S. Identifying impacts of land use change on soil redistribution at different slope positions using magnetic susceptibility. (2020) Arabian Journal of Geosciences, 13 (11), art. no. 426, .
15. Kapper, K.L., Bautista, F., Goguitchaishvili, A., Bógalo, M.F., Cejudo-Ruíz, R., Solano, M.C. The use and misuse of magnetic methods to monitor environmental pollution in urban areas. (2020) Boletin de la Sociedad Geologica Mexicana, 72 (1), pp. 1-44.
16. Magiera, T., Łukasik, A., Zawadzki, J., Rösler, W. Magnetic susceptibility as indicator of anthropogenic disturbances in forest topsoil: A review of magnetic studies carried out in Central European forests. (2019) Ecological Indicators, 106, art. no. 105518, .
17. Ayoubi, S., Adman, V. Iron Mineralogy and Magnetic Susceptibility of Soils Developed on Various Rocks in Western Iran. (2019) Clays and Clay Minerals, 67 (3), pp. 217-227.
18. Kim, M., Kim, H. Comparison of the soil environment conservation act and the groundwater act in the Republic of Korea. (2019) Water Policy, 21 (2), pp. 344-350.
19. Magiera, T., Zawadzki, J., Szuszkiewicz, M., Fabijańczyk, P., Steinnes, E., Fabian, K., Miszczak, E. Impact of an iron mine and a nickel smelter at the Norwegian/Russian border close to the Barents Sea on surface soil magnetic susceptibility and content of potentially toxic elements. (2018) Chemosphere, 195, pp. 48-62.
20. Rachwał, M., Wawer, M., Magiera, T., Steinnes, E. Integration of soil magnetometry and geochemistry for assessment of human health risk from metallurgical slag dumps. (2017) Environmental Science and Pollution Research, 24 (34), pp. 26410-26423.
21. Bourliva, A., Papadopoulou, L., Aidona, E., Giouri, K. Magnetic signature, geochemistry, and oral bioaccessibility of "technogenic" metals in contaminated industrial soils from Sindos Industrial Area, Northern Greece. (2017) Environmental Science and Pollution Research, 24 (20), pp. 17041-17055.
22. Grimley, D.A., Anders, A.M., Bettis, E.A., III, Bates, B.L., Wang, J.J., Butler, S.K., Huot, S. Using magnetic fly ash to identify post-settlement alluvium and its record of atmospheric pollution, central USA. (2017) Anthropocene, 17, pp. 84-98.
23. Gray, J.M., Bishop, T.F.A., Wilford, J.R. Lithology and soil relationships for soil modelling and mapping. (2016) Catena, 147, pp. 429-440.
24. Pingguo, Y., Byrne, J.M., Yang, M. Spatial variability of soil magnetic susceptibility, organic carbon and total nitrogen from farmland in northern China. (2016) Catena, 145, pp. 92-98.
25. Magiera, T., Mendakiewicz, M., Szuszkiewicz, M., Jabłońska, M., Chróst, L. Technogenic magnetic particles in soils as evidence of historical mining and smelting activity: A case of the Brynica River Valley, Poland. (2016) Science of the Total Environment, 566-567, pp. 536-551.
26. Szuszkiewicz, M., Łukasik, A., Magiera, T., Mendakiewicz, M. Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach. (2016) Environmental Pollution, 214, pp. 464-477.
27. Liu, D., Ma, J., Sun, Y., Li, Y. Spatial distribution of soil magnetic susceptibility and correlation with heavy metal pollution in Kaifeng City, China. (2016) Catena, 139, pp. 53-60.
28. Salo, H. Enviromagnetic biomonitoring: New directions in air quality assessment using mosses and lichens. (2016) Biomonitoring of Air Pollution Using Mosses and Lichens: A Passive and Active Approach - State of the Art Research and Perspectives, pp. 195-228.

29. Magiera, T., Parzentny, H., Róg, L., Chybiorz, R., Wawer, M. Spatial variation of soil magnetic susceptibility in relation to different emission sources in southern Poland. (2015) Geoderma, 255-256, pp. 94-103.
30. Chen, L.M., Zhang, G.L., Rossiter, D.G., Cao, Z.H. Magnetic depletion and enhancement in the evolution of paddy and non-paddy soil chronosequences. (2015) European Journal of Soil Science, 66 (5), pp. 886-897.
31. Wawer, M., Magiera, T., Ojha, G., Appel, E., Kusza, G., Hu, S., Basavaiah, N. Traffic-Related Pollutants in Roadside Soils of Different Countries in Europe and Asia. (2015) Water, Air, and Soil Pollution, 226 (7), art. no. 216, .
32. Szuszkiewicz, M., Magiera, T., Kapička, A., Petrovský, E., Grison, H., Gołuchowska, B. Magnetic characteristics of industrial dust from different sources of emission: A case study of Poland. (2015) Journal of Applied Geophysics, 116, pp. 84-92.
33. Cejudo-Ruíz, R., Bautista, F., Quintana, P., del Carmen Delgado-Carranza, M., Aguilar, D., Goguitchaichvili, A., Morales-Contreras, J.J. Correlation between potentially toxic elements and magnetic properties in Mexico City soils for the identification of contaminated sites: Definition of threshold values [Correlación entre elementos potencialmente tóxicos y propiedades magnéticas en suelos de la Ciudad de México para la identificación de sitios contaminados: Definición de umbrales magnéticos]. (2015) Revista Mexicana de Ciencias Geologicas, 32 (1), pp. 50-61.
34. Warrier, A.K., Shankar, R., Manjunatha, B.R., Harshavardhana, B.G. Mineral magnetism of atmospheric dust over southwest coast of india: Impact of anthropogenic activities and implications to public health. (2014) Journal of Applied Geophysics, 102, pp. 1-9.
35. Singh, K.T., Nayak, G.N., Fernandes, L.L., Borole, D.V., Basavaiah, N. Changing environmental conditions in recent past - Reading through the study of geochemical characteristics, magnetic parameters and sedimentation rate of mudflats, central west coast of India. (2014) Palaeogeography, Palaeoclimatology, Palaeoecology, 397, pp. 61-74.
36. DytŁow, S.K., Górka-Kostrubiec, B. Magnetic parameters as an indicator of the processes occurring in the degraded chernozem developed in loess from Miechow area [Parametry magnetyczne jako wskaźnik procesów zachodzących w czarnoziemie zdegradowanym uformowanym na miechowskim płacie lessowym]. (2014) Scientific Review Engineering and Environmental Sciences, 23 (2), pp. 170-184.
37. Uzu, G., Schreck, E., Xiong, T., Macouin, M., Lévêque, T., Fayomi, B., Dumat, C. Urban market gardening in Africa: Foliar uptake of metal(loid)s and their bioaccessibility in vegetables; Implications in terms of health risks. (2014) Water, Air, and Soil Pollution, 225 (11), art. no. 2185, .
38. Reyes, B.A., Mejía, V., Goguitchaichvili, A., Escobar, J., Bayona, G., Bautista, F., Morales, J.C., Ihl, T.J. Reconnaissance environmental magnetic study of urban soils, dust and leaves from Bogotá, Colombia. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 741-754.
39. Han, G.-Z., Zhang, G.-L. Changes in magnetic properties and their pedogenetic implications for paddy soil chronosequences from different parent materials in south China. (2013) European Journal of Soil Science, 64 (4), pp. 435-444.
40. El-Hasan, T., Lataifeh, M. Field and dual magnetic susceptibility proxies for heavy metal pollution assessment in the urban soil of Al-Karak City, South Jordan. (2013) Environmental Earth Sciences, 69 (7), pp. 2299-2310.
41. Morsy, M., Rashed, M. Integrated magnetic, gravity, and GPR surveys to locate the probable source of hydrocarbon contamination in Sharm El-Sheikh area, south Sinai, Egypt. (2013) Journal of Applied Geophysics, 88, pp. 131-138.
42. Rossel, R.A.V., Adamchuk, V.I. Proximal soil sensing. (2013) Precision Agriculture for Sustainability and Environmental Protection, 9780203128329, pp. 99-118.
43. Reyes, B.A., Bautista, F., Goguitchaichvili, A., Contreras, J.J.M., Owen, P.Q., Carvallo, C., Battu, J. Rock-magnetic properties of topsoils and urban dust from Morelia (>800,000 inhabitants), Mexico: Implications for anthropogenic pollution monitoring in Mexico's medium size cities. (2013) Geofisica Internacional, 52 (2), pp. 121-133.
44. Yang, T., Liu, Q., Zeng, Q., Chan, L. Relationship between magnetic properties and heavy metals of urban soils with different soil types and environmental settings: Implications for magnetic mapping. (2012) Environmental Earth Sciences, 66 (2), pp. 409-420.
45. Mokhtari Karchegani, P., Ayoubi, S., Lu, S.G., Honarju, N. Use of magnetic measures to assess soil redistribution following deforestation in hilly region. (2011) Journal of Applied Geophysics, 75 (2), pp. 227-236.
46. Yan, H.T., Hu, S.Y., Blaha, U., Rösler, W., Duan, X.M., Appel, E. Paddy soil - A suitable target for monitoring heavy metal pollution by magnetic proxies. (2011) Journal of Applied Geophysics, 75 (2), pp. 211-219.

47. Viscarra Rossel, R.A., Adamchuk, V.I., Sudduth, K.A., McKenzie, N.J., Lobsey, C. Proximal Soil Sensing. An Effective Approach for Soil Measurements in Space and Time. (2011) Advances in Agronomy, 113, pp. 237-282.
48. Yan, H.T., Hu, S.Y., Blaha, U., Rosler, W., Appel, E. Magnetic survey of soil pollution around meishan steel mill in Nanjing, China. (2011) 2011 International Conference on Computer Science and Service System, CSSS 2011 - Proceedings, art. no. 5974875, pp. 4154-4160.
49. Magiera, T., Jabłońska, M., Strzyszcz, Z., Rachwal, M. Morphological and mineralogical forms of technogenic magnetic particles in industrial dusts. (2011) Atmospheric Environment, 45 (25), pp. 4281-4290.
50. Reyes, B.A., Bautista, F., Goguitchaichvili, A., Morton, O. Magnetic monitoring of top soils of Merida (Southern Mexico). (2011) Studia Geophysica et Geodaetica, 55 (2), pp. 377-388.
51. Meena, N.K., Maiti, S., Shrivastava, A. Discrimination between anthropogenic (pollution) and lithogenic magnetic fraction in urban soils (Delhi, India) using environmental magnetism. (2011) Journal of Applied Geophysics, 73 (2), pp. 121-129.
52. Viscarra Rossel, R.A., Adamchuk, V.I., Sudduth, K.A., McKenzie, N.J., Lobsey, C. Proximal Soil Sensing: An Effective Approach for Soil Measurements in Space and Time. (2011) Advances in Agronomy, 113, pp. 243-291.
53. D'Emilio, M., Caggiano, R., Coppola, R., MacChiato, M., Ragosta, M. Magnetic susceptibility measurements as proxy method to monitor soil pollution: The case study of S. Nicola di Melfi. (2010) Environmental Monitoring and Assessment, 169 (1-4), pp. 619-630.
54. Bućko, M.S., Magiera, T., Pesonen, L.J., Janus, B. Magnetic, geochemical, and microstructural characteristics of road dust on roadsides with different traffic volumes-case study from Finland. (2010) Water, Air, and Soil Pollution, 209 (1-4), pp. 295-306.
55. Duan, X.M., Hu, S.Y., Yan, H.T., Blaha, U., Roesler, W., Appel, E., Sun, W.H. Relationship between magnetic parameters and heavy element contents of arable soil around a steel company, Nanjing. (2010) Science China Earth Sciences, 53 (3), pp. 411-418.
56. Blundell, A., Hannam, J.A., Dearing, J.A., Boyle, J.F. Detecting atmospheric pollution in surface soils using magnetic measurements: A reappraisal using an England and Wales database. (2009) Environmental Pollution, 157 (10), pp. 2878-2890.
57. Grunwald, S. Multi-criteria characterization of recent digital soil mapping and modeling approaches. (2009) Geoderma, 152 (3-4), pp. 195-207.
58. Viscarra Rossel, R.A., Cattle, S.R., Ortega, A., Fouad, Y. In situ measurements of soil colour, mineral composition and clay content by vis-NIR spectroscopy. (2009) Geoderma, 150 (3-4), pp. 253-266.

45. Kovacheva, M., Boyadziev, Y., Kostadinova-Avramova, M., *Jordanova, N.* and Donadini, F. Updated archaeomagnetic data set of the past 8 millennia from the Sofia laboratory, Bulgaria, Geochem. Geophys. Geosyst., 2009, 10, Q05002, doi:10.1029/2008GC002347. *IF=3.5*

Цитира се в:

1. Bonilla-Alba, R., Gómez-Paccard, M., Pavón-Carrasco, F.J., (...), Martín-Hernández, F., Osete, M.L. First Full-Vector Archeomagnetic Data From Central Asia (3 BCE to 15 CE Centuries): Evidence for a Large Non-Dipole Field Contribution Around the First Century BCE. (2024) Journal of Geophysical Research: Solid Earth, 129(2),e2023JB027910.
2. Nawrocki, J., Standzikowski, K., Chadima, M., (...), Gancarski, J., Gil, Z. Archaeomagnetic studies of bricks from ancient buildings sampled in SE Poland (Central Europe). (2023) Journal of Archaeological Science: Reports, 51,104122.
3. Nawrocki, J., Rosowiecka, O., Wójcik, K., (...), Wasik, B., Wiewióra, M. Reconnaissance archaeomagnetic study of ancient bricks from Northern Poland. (2023) Acta Geophysica, Article in Press4
4. Champion, D.E., Downs, D.T., Stelten, M.E., (...), Hassan, K., Zahran, H.M. Paleomagnetism of the Harrat Rahat Volcanic Field, Kingdom of Saudi Arabia—Geologic Unit Correlations and Geomagnetic Cryptochron Identifications. (2023) US Geological Survey Professional Paper, 2023. 5
5. Liritzis, I., Oikonomou, A. Archaeometric Studies in The Aegean (30000-3000 BC and 800-200 BC): A review. (2021) Studia Antiqua et Archaeologica, 27(1), pp. 1-32.
6. Brown, M.C., Hervé, G., Korte, M., Genevey, A. Global archaeomagnetic data: The state of the art and future challenges. (2021) Physics of the Earth and Planetary Interiors, 318,106766
7. Rivero-Montero, M., Gómez-Paccard, M., Pavón-Carrasco, F.J., (...), Mas-Florit, C., Ramon-Torres, J. Refining geomagnetic field intensity changes in Europe between 200 CE and 1800 CE. New data from the Mediterranean region. (2021) Physics of the Earth and Planetary Interiors, 317,106749

8. Allington, M.L., Batt, C.M., Hill, M.J., Nilsson, A., Biggin, A.J., Card, N. Obtaining archaeointensity data from British Neolithic pottery: A feasibility study. (2021) Journal of Archaeological Science: Reports, 37, art. no. 102895, .
9. García, R., Pérez-Rodríguez, N., Goguitchaichvili, A., Rodríguez Ceja, M., Morales, J., Soler, A.M., Urrutia-Fucugauchi, J. On the absolute geomagnetic intensity fluctuations in Mexico over the last three millennia. (2021) Journal of South American Earth Sciences, 106, art. no. 102927, .
10. Troyano, M., Gallet, Y., Genevey, A., Pavlov, V., Fournier, A., Lagroix, F., Niyazova, M., Mirzaakhmedov, D. Analyzing the geomagnetic axial dipole field moment over the historical period from new archeointensity results at Bukhara (Uzbekistan, Central Asia). (2021) Physics of the Earth and Planetary Interiors, 310, art. no. 106633.
11. Liritzis, I., Oikonomou, A. An updated overview of archaeological sciences research in insular greek aegean islands. (2021) Mediterranean Archaeology and Archaeometry, 21 (2), pp. 1-27.
12. Nachasova, I.E., Pilipenko, O.V., Markov, G.P., Nedomolkina, N.G. The Geomagnetic Field Intensity in the Russian Plain in V–III Millennia B.C. (2020) Izvestiya, Physics of the Solid Earth, 56 (2), pp. 238-248.
13. Pérez-Rodríguez, N., Morales, J., Guilbaud, M.-N., Goguitchaichvili, A., Cejudo-Ruiz, R., Hernández-Bernal, M.D.S. Reassessment of the eruptive chronology of El Metate shield volcano (central-western Mexico) based on a comprehensive rock-magnetic, paleomagnetic and multi-approach paleointensity survey. (2020) Quaternary Geochronology, 55, art. no. 101031, .
14. Deenadayalan, K., Gawali, P.B., Lakshmi, B.V., Rai, M. Rock-magnetic and archaeomagnetic investigations on archaeological artefacts from Maharashtra, India. (2020) Geological Society Special Publication, 497 (1), pp. 9-26.
15. Francés-Negro, M., Carrancho, Á., Pérez-Romero, A., Arsuaga, J.L., Carretero, J.M., Iriarte, E. Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. (2019) Journal of Archaeological Science, 110, art. no. 104992, .
16. Casas, L., Tema, E. Investigating the expected archaeomagnetic dating precision in Europe: A temporal and spatial analysis based on the SCHA.DIF.3K geomagnetic field model. (2019) Journal of Archaeological Science, 108, art. no. 104972, .
17. Livermore, P.W., Fournier, A., Gallet, Y., Bodin, T. Transdimensional inference of archeomagnetic intensity change. (2018) Geophysical Journal International, 215 (3), pp. 2008-2034.
18. Hervé, G., Lanos, P. Improvements in Archaeomagnetic Dating in Western Europe from the Late Bronze to the Late Iron Ages: An Alternative to the Problem of the Hallstattian Radiocarbon Plateau. (2018) Archaeometry, 60 (4), pp. 870-883.
19. Shin, S., Park, Y.-H., Cheong, D., Shin, S.C.On the validity of archeomagnetic dating method in Korea: a case study. (2018) Geosciences Journal, 22 (1), .
20. Principe, C., Gogichaishvili, A., Arrighi, S., Devidze, M., La Felice, S., Paolillo, A., Giordano, D., Morales, J. Archaeomagnetic dating of Copper Age furnaces at Croce di Papa village and relations on Vesuvius and Phlegraean Fields volcanic activity. (2018) Journal of Volcanology and Geothermal Research, 349, pp. 217-229.
21. Hervé, G., Faβbinder, J., Gilder, S.A., Faβbinder, J., Metzner-Nebelsick, C., Geisweid, L., Reuβ, S., Flontas, A., Walter, F., Westhausen, I., Gallet, Y., Genevey, A., Schnepp, E., Pütz, A., Wittenborn, F., Linke, R., Riedel, G. Fast geomagnetic field intensity variations between 1400 and 400 BCE: New archaeointensity data from Germany. (2017) Physics of the Earth and Planetary Interiors, 270, pp. 143-156.
22. Batt, C.M., Brown, M.C., Clelland, S.-J., Korte, M., Linford, P., Outram, Z. Advances in archaeomagnetic dating in Britain: New data, new approaches and a new calibration curve. (2017) Journal of Archaeological Science, 85, pp. 66-82.
23. Salnaia, N., Gallet, Y., Genevey, A., Antipov, I. New archeointensity data from Novgorod (North-Western Russia) between c. 1100 and 1700 AD. Implications for the European intensity secular variation. (2017) Physics of the Earth and Planetary Interiors, 269, pp. 18-28.
24. Hammond, M.L., Lanos, P.H., Hill, M.J., Colleoni, F. An Archaeomagnetic Study of a Roman Bath in Southern France. (2017) Archaeometry, 59 (2), pp. 356-372.
25. Carrancho, Á., Goguitchaichvili, A., Morales, J., Espinosa-Soto, J.A., Villalaín, J.J., Arsuaga, J.L., Baquedano, E., Pérez-González, A. Full-Vector Archaeomagnetic Dating of a Medieval Limekiln at Pinilla Del Valle Site (Madrid, Spain). (2017) Archaeometry, 59 (2), pp. 373-394.
26. Shaar, R., Tauxe, L., Goguitchaichvili, A., Devidze, M., Licheli, V. Further evidence of the Levantine Iron Age geomagnetic anomaly from Georgian pottery. (2017) Geophysical Research Letters, 44 (5), pp. 2229-2236.

27. Arneitz, P., Egli, R., Leonhardt, R. Unbiased analysis of geomagnetic data sets and comparison of historical data with paleomagnetic and archeomagnetic records. (2017) Reviews of Geophysics, 55 (1), pp. 5-39.
28. Parés, J.M. Paleomagnetism. (2017) Encyclopedia of Earth Sciences Series, 0, pp. 601-607.
29. Böhnel, H., Pavón-Carrasco, F.J., Sieron, K., Mahgoub, A.N. Palaeomagnetic dating of two recent lava flows from Ceboruco volcano, western Mexico. (2016) Geophysical Journal International, 207 (2), pp. 1203-1215.
30. Carrancho, Á., Herrejón Lagunilla, Á., Vergès, J.M. Three archaeomagnetic applications of archaeological interest to the study of burnt anthropogenic cave sediments. (2016) Quaternary International, 414, pp. 244-257.
31. Hervé, G., Chauvin, A., Milcent, P.-Y., Tramon, A. Archaeointensity study of five Late Bronze Age fireplaces from Corent (Auvergne, France). (2016) Journal of Archaeological Science: Reports, 7, pp. 414-419.
32. Shaar, R., Tauxe, L., Ron, H., Ebert, Y., Zuckerman, S., Finkelstein, I., Agnon, A. Large geomagnetic field anomalies revealed in Bronze to Iron Age archeomagnetic data from Tel Megiddo and Tel Hazor, Israel. (2016) Earth and Planetary Science Letters, 442, pp. 173-185.
33. Pavón-Carrasco, F.J., Tema, E., Osete, M.L., Lanza, R. Statistical Analysis of Palaeomagnetic Data from the Last Four Centuries: Evidence of Systematic Inclination Shallowing in Lava Flow Records. (2016) Pure and Applied Geophysics, 173 (3), pp. 839-848.
34. Pavón-Carrasco, F.J., Osete, M.L., Campuzano, S.A., McIntosh, G., Martín-Hernández, F. Recent developments in archeomagnetism: The story of the earth's past magnetic field. (2015) New Developments in Paleomagnetism Research, pp. 99-158.
35. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
36. Kondopoulou, D., Aidona, E., Ioannidis, N., Polymeris, G.S., Tsolakis, S. Archaeomagnetic study and thermoluminescence dating of Protobyzantine kilns (Megali Kypsa, North Greece). (2015) Journal of Archaeological Science: Reports, 2, pp. 156-168.
37. Zolitschka, B., Francus, P., Ojala, A.E.K., Schimmelmann, A. Varves in lake sediments - a review. (2015) Quaternary Science Reviews, 117, pp. 1-41.
38. Osete, M.L., Catanzariti, G., Chauvin, A., Pavón-Carrasco, F.J., Roperch, P., Fernández, V.M. First archaeomagnetic field intensity data from Ethiopia, Africa (1615±12AD). (2015) Physics of the Earth and Planetary Interiors, 242, pp. 24-35.
39. Batt, C. Archaeomagnetic dating. (2015) Encyclopedia of Earth Sciences Series, pp. 73-79.
40. Livermore, P.W., Fournier, A., Gallet, Y. Core-flow constraints on extreme archeomagnetic intensity changes. (2014) Earth and Planetary Science Letters, 387, pp. 145-156.
41. Gallet, Y., D'Andrea, M., Genevey, A., Pinnock, F., Le Goff, M., Matthiae, P. Archaeomagnetism at Ebla (Tell Mardikh, Syria). New data on geomagnetic field intensity variations in the Near East during the Bronze Age. (2014) Journal of Archaeological Science, 42 (1), pp. 295-304.
42. De Marco, E., Tema, E., Lanos, P., Kondopoulou, D. An updated catalogue of Greek archaeomagnetic data for the last 4500 years and a directional secular variation curve. (2014) Studia Geophysica et Geodaetica, 58 (1), pp. 121-147.
43. Casas, L., Prevosti, M., Fouzai, B., Álvarez, A. Archaeomagnetic study and dating at five sites from Catalonia (NE Spain). (2014) Journal of Archaeological Science, 41, pp. 856-867.
44. Pavõn-Carrasco, F.J., Gõmez-Paccard, M., Hervé, G., Osete, M.L., Chauvin, A. Intensity of the geomagnetic field in Europe for the last 3 ka: Influence of data quality on geomagnetic field modelling. (2014) Geochemistry, Geophysics, Geosystems, 15 (6), pp. 2515-2530.
45. Carrancho, A., Villalaín, J.J., Pavón-Carrasco, F.J., Osete, M.L., Straus, L.G., Vergès, J.M., Carretero, J.M., Angelucci, D.E., González Morales, M.R., Arsuaga, J.L., Bermúdez de Castro, J.M., Carbonell, E. First directional European palaeosecular variation curve for the Neolithic based on archaeomagnetic data. (2013) Earth and Planetary Science Letters, 380, pp. 124-137.
46. Ech-Chakrouni, S., Hus, J., Spassov, S. Constraints of archaeomagnetic dating and field intensity determinations in three ancient tile kilns in Belgium. (2013) Studia Geophysica et Geodaetica, 57 (4), pp. 585-604.
47. Genevey, A., Gallet, Y., Thébault, E., Jesset, S., Le Goff, M. Geomagnetic field intensity variations in Western Europe over the past 1100 years (2013) Geochemistry, Geophysics, Geosystems, 14 (8), pp. 2858-2872.
48. Hervé, G., Chauvin, A., Lanos, P. Geomagnetic field variations in Western Europe from 1500BC to 200AD. Part I: Directional secular variation curve. (2013) Physics of the Earth and Planetary Interiors, 218, pp. 1-13.

49. Hervé, G., Chauvin, A., Lanos, P. Geomagnetic field variations in Western Europe from 1500BC to 200AD. Part II: New intensity secular variation curve. (2013) Physics of the Earth and Planetary Interiors, 218, pp. 51-65.
50. Gómez-Paccard, M., Beamud, E., Mc Intosh, G., Larrasoaña, J.C. New archaeomagnetic data recovered from the study of three roman kilns from north-east spain: A contribution to the iberian palaeosecular variation curve. (2013) Archaeometry, 55 (1), pp. 159-177.
51. Fanjat, G., Aidona, E., Kondopoulou, D., Camps, P., Rathossi, C., Poidras, T. Archeointensities in Greece during the Neolithic period: New insights into material selection and secular variation curve. (2013) Physics of the Earth and Planetary Interiors, 215, pp. 29-42.
52. Fanjat, G., Camps, P., Alva Valdivia, L.M., Sougrati, M.T., Cuevas-Garcia, M., Perrin, M. First archeointensity determinations on Maya incense burners from Palenque temples, Mexico: New data to constrain the Mesoamerica secular variation curve. (2013) Earth and Planetary Science Letters, 363, pp. 168-180.
53. Tema, E., Gómez-Paccard, M., Kondopoulou, D., Almar, Y. Intensity of the Earth's magnetic field in Greece during the last five millennia: New data from Greek pottery. (2012) Physics of the Earth and Planetary Interiors, 202-203, pp. 14-26.
54. Aidona, E., Kondopoulou, D. First archaeomagnetic results and dating of Neolithic structures in northern Greece. (2012) Studia Geophysica et Geodaetica, 56 (3), pp. 827-844.
55. Gómez-Paccard, M., McIntosh, G., Chauvin, A., Beamud, E., Pavón-Carrasco, F.J., Thiriot, J. Archaeomagnetic and rock magnetic study of six kilns from North Africa (Tunisia and Morocco). (2012) Geophysical Journal International, 189 (1), pp. 169-186.
56. Calvo-Rathert, M., Carrancho, Á., Stark, F., Villalaín, J.J., Hill, M., Are burnt sediments reliable recorders of geomagnetic field strength? (2012) Quaternary Research, 77 (2), pp. 326-330.
57. Catanzariti, G., Gómez-Paccard, M., Mcintosh, G., Pavón-Carrasco, F.J., Chauvin, A., Osete, M.L. New archaeomagnetic data recovered from the study of Roman and Visigothic remains from central Spain (3rd-7th centuries). (2012) Geophysical Journal International, 188 (3), pp. 979-993.
58. Clelland, S.-J., Batt, C.M. Geomagnetic secular variation as recorded in British lake sediments and its application to archaeomagnetic studies. (2012) Physics of the Earth and Planetary Interiors, 194-195, pp. 85-97.
59. Tema, E., Kondopoulou, D. Secular variation of the Earth's magnetic field in the Balkan region during the last eight millennia based on archaeomagnetic data. (2011) Geophysical Journal International, 186 (2), pp. 603-614.
60. Suttie, N., Holme, R., Hill, M.J., Shaw, J. Consistent treatment of errors in archaeointensity implies rapid decay of the dipole prior to 1840. (2011) Earth and Planetary Science Letters, 304 (1-2), pp. 13-21.
61. Haltia-Hovi, E., Nowaczyk, N., Saarinen, T. Environmental influence on relative palaeointensity estimates from Holocene varved lake sediments in Finland. (2011) Physics of the Earth and Planetary Interiors, 185 (1-2), pp. 20-28.
62. Pavón-Carrasco, F.J., Rodríguez-González, J., Osete, M.L., Torta, J.M. A Matlab tool for archaeomagnetic dating. (2011) Journal of Archaeological Science, 38 (2), pp. 408-419.
63. Malfatti, J., Principe, C., Gattiglia, G. Archaeomagnetic investigation of a metallurgical furnace in Pisa (Italy). (2011) Journal of Cultural Heritage, 12 (1), pp. 1-10.
64. Hervé, G., Schnepp, E., Chauvin, A., Lanos, P., Nowaczyk, N. Archaeomagnetic results on three Early Iron Age salt-kilns from Moyenvic (France). (2011) Geophysical Journal International, 185 (1), pp. 144-156.
65. Spatharas, V., Kondopoulou, D., Aidona, E., Efthimiadis, K.G. New magnetic mineralogy and archaeointensity results from Greek kilns and baked clays (2011) Studia Geophysica et Geodaetica, 55 (1), pp. 131-157.
66. Pavón-Carrasco, F.J., Osete, M.L., Torta, J.M. Regional modeling of the geomagnetic field in europe from 6000 to 1000 B.C. (2010) Geochemistry, Geophysics, Geosystems, 11 (11), art. no. Q11008, .
67. Duran, M.P., Goguitchaichvili, A., Morales, J., Reyes, B.A., Valdivia, L.M.A., Oliveros-Morales, A., Calvo-Rathert, M., Moran, T.G., Robles-Camacho, J. Magnetic properties and Archeointensity of Earth's magnetic field recovered from El Opeño, earliest funeral architecture known in Western Mesoamerica. (2010) Studia Geophysica et Geodaetica, 54 (4), pp. 575-593.
68. Barletta, F., St-Onge, G., Stoner, J.S., Lajeunesse, P., Locat, J. A high-resolution Holocene paleomagnetic secular variation and relative paleointensity stack from eastern Canada. (2010) Earth and Planetary Science Letters, 298 (1-2), pp. 162-174.
69. Hagstrum, J.T., Blinman, E. Archeomagnetic dating in western North America: An updated reference curve based on paleomagnetic and archeomagnetic data sets. (2010) Geochemistry, Geophysics, Geosystems, 11 (6), art. no. Q06009, .

70. Tema, E., Goguitchaichvili, A., Camps, P. Archaeointensity determinations from Italy: New data and the Earth's magnetic field strength variation over the past three millennia. (2010) Geophysical Journal International, 180 (2), pp. 596-608.
71. Gallet, Y., Genevey, A., Le Goff, M., Warmé, N., Gran-Aymerich, J., Lefèvre, A. On the use of archeology in geomagnetism, and vice-versa: Recent developments in archeomagnetism. (2009) Comptes Rendus Physique, 10 (7), pp. 630-648.

46. Kovacheva, M., Chauvin, A., *Jordanova, N.*, Lanos, P., Karloukovski, V, 2009. Remanence anisotropy effect on the palaeointensity results obtained from various archaeological materials, excluding pottery. Earth, Planets & Space, 61, 6, 711-732. *IF=3.0*

Цитира се в:

1. Tchibinda Madingou, B., Perrin, M., Hervé, G., (...), Alva-Valdivia, L.M., Cruz Antillón, R. First Full Vector Archeomagnetic Data From Northern Mexico. (2021) Geochemistry, Geophysics, Geosystems, 22(10), e2021GC009969.
2. Brown, M.C., Hervé, G., Korte, M., Genevey, A. Global archaeomagnetic data: The state of the art and future challenges. (2021) Physics of the Earth and Planetary Interiors, 318,106766.
3. Herrejón-Lagunilla, Á., Villalaín, J.J., Carrancho, Á., Alonso-Fernández, C., Jiménez-Echevarría, J., Pavón-Carrasco, F.J. Dating a medieval pottery workshop of the city of Burgos (Spain): Archaeomagnetic and archaeological evidences. (2021) Physics of the Earth and Planetary Interiors, 316, art. no. 106723, .
4. Tema, E., Hedley, I., Pavón-Carrasco, F.J., Ferrara, E., Gaber, P., Pilides, D., Toumazou, M., Violaris, Y., Webb, J., Frankel, D. The directional occurrence of the Levantine geomagnetic field anomaly: New data from Cyprus and abrupt directional changes. (2021) Earth and Planetary Science Letters, 557, art. no. 116731, .
5. Le Goff, M., Gallet, Y., Warmé, N., Genevey, A. An updated archeomagnetic directional variation curve for France over the past two millennia, following 25 years of additional data acquisition. (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106592, .
6. Schnepp, E., Thallner, D., Arneitz, P., Leonhardt, R. New archeomagnetic secular variation data from Central Europe, II: Intensities. (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106605, .
7. García-Redondo, N., Calvo-Rathert, M., Carrancho, A., Bustamante-Álvarez, M. New high precision full-vector archaeomagnetic data from a roman kiln in Mérida (Spain). (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106591, .
8. Biedermann, A.R. Current challenges and future developments in magnetic fabric research. (2020) Tectonophysics, 795, art. no. 228632, .
9. Schnepp, E., Thallner, D., Arneitz, P., Mauritsch, H., Scholger, R., Rolf, C., Leonhardt, R. New archaeomagnetic secular variation data from Central Europe. I: Directions. (2020) Geophysical Journal International, 220 (2), pp. 1023-1044.
10. Mahgoub, A.N., Juárez-Arriaga, E., Böhnel, H., Manzanilla, L.R., Cyphers, A. Refined 3600 years palaeointensity curve for Mexico. (2019) Physics of the Earth and Planetary Interiors, 296, art. no. 106328, .
11. Biedermann, A.R., Jackson, M., Bilardello, D., Feinberg, J.M. Anisotropy of (partial) isothermal remanent magnetization: DC-field-dependence and additivity. (2019) Geophysical Journal International, 218 (2), pp. 1428-1441.
12. Hartmann, G.A., Poletti, W., Trindade, R.I.F., Ferreira, L.M., Sanches, P.L.M. New archeointensity data from South Brazil and the influence of the South Atlantic Anomaly in South America. (2019) Earth and Planetary Science Letters, 512, pp. 124-133.
13. Aidona, E., Polymeris, G.S., Camps, P., Kondopoulou, D., Ioannidis, N., Raptis, K. Archaeomagnetic versus luminescence methods: the case of an Early Byzantine ceramic workshop in Thessaloniki, Greece. (2018) Archaeological and Anthropological Sciences, 10 (4), pp. 725-741.
14. Palencia-Ortas, A., Osete, M.L., Campuzano, S.A., McIntosh, G., Larrazabal, J., Sastre, J., Rodriguez-Aranda, J. New archaeomagnetic directions from Portugal and evolution of the geomagnetic field in Iberia from Late Bronze Age to Roman Times. (2017) Physics of the Earth and Planetary Interiors, 270, pp. 183-194.
15. Kapper, L., Donadini, F., Serneels, V., Tema, E., Goguitchaichvili, A., Julio Morales, J. Reconstructing the Geomagnetic Field in West Africa: First Absolute Intensity Results from Burkina Faso. (2017) Scientific Reports, 7, art. no. 45225, .

16. Tema, E., Ferrara, E., Camps, P., Conati Barbaro, C., Spatafora, S., Carvallo, C., Poidras, T. The Earth's magnetic field in Italy during the Neolithic period: New data from the Early Neolithic site of Portonovo (Marche, Italy). (2016) Earth and Planetary Science Letters, 448, pp. 49-61.
17. Zlateva, B, Kuleff, I. Archaeometry in Bulgaria in the last decade. (2016). Bulgarian e-journal of archaeology, 6 (1), 109-134.
18. Yamamoto, Y., Torii, M., Natsuhara, N. Archeointensity study on baked clay samples taken from the reconstructed ancient kiln: Implication for validity of the Tsunakawa-Shaw paleointensity method. (2015) Earth, Planets and Space, 67 (1), art. no. 63, .
19. Pavón-Carrasco, F.J., Osete, M.L., Campuzano, S.A., McIntosh, G., Martín-Hernández, F. Recent developments in archeomagnetism: The story of the earth's past magnetic field. (2015) New Developments in Paleomagnetism Research, pp. 99-158.
20. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
21. Kapper, K.L., Donadini, F., Hirt, A.M. Holocene archeointensities from mid European ceramics, slags, burned sediments and cherts. (2015) Physics of the Earth and Planetary Interiors, 241, pp. 21-36.
22. Shaar, R., Tauxe, L., Ben-Yosef, E., Kassianidou, V., Lorentzen, B., Feinberg, J.M., Levy, T.E. Decadal-scale variations in geomagnetic field intensity from ancient Cypriot slag mounds. (2015) Geochemistry, Geophysics, Geosystems, 16 (1), pp. 195-214.
23. Gómez-Paccard, M., Beamud, E., Mc Intosh, G., Larrasoaña, J.C. New archaeomagnetic data recovered from the study of three roman kilns from north-east spain: A contribution to the iberian palaeosecular variation curve. (2013) Archaeometry, 55 (1), pp. 159-177.
24. Fouzai, B., Casas, L., Laridhi Ouazaa, N., Fantar, M., Álvarez, A. Archaeomagnetic data from three Punic sites in Tunisia. (2013) Journal of Archaeological Science, 40 (4), pp. 1703-1714.
25. Hartmann, G.A., Genevey, A., Gallet, Y., Trindade, R.I.F., Le Goff, M., Najjar, R., Etchevarne, C., Afonso, M.C. New historical archeointensity data from Brazil: Evidence for a large regional non-dipole field contribution over the past few centuries, (2011) Earth and Planetary Science Letters, 306 (1-2), pp. 66-76.
26. Spatharas, V., Kondopoulou, D., Aidona, E., Efthimiadis, K.G. New magnetic mineralogy and archaeointensity results from Greek kilns and baked clays. (2011) Studia Geophysica et Geodaetica, 55 (1), pp. 131-157.
27. Hartmann, G.A., Genevey, A., Gallet, Y., Trindade, R.I.F., Etchevarne, C., Le Goff, M., Afonso, M.C. Archeointensity in Northeast Brazil over the past five centuries. (2010) Earth and Planetary Science Letters, 296 (3-4), pp. 340-352.

47. Georgiev, N., Henry, B., *Jordanova, N.*, Froitzheim, N., Jordanova, D., Ivanov, Z., Dimov, D. 2009. The emplacement mode of upper Cretaceous plutons from the southwestern part of the Sredna Gora Zone (Bulgaria): Structural and AMS study. Geol.Carpathica, 60,1, 15-33. *IF=1.3*

Цитира се в:

1. Radulov, A., Rockwell, T.K., Yaneva, M., (...), Kiselinov, H., Nikolov, N. Variable slip mode in the past 3300 years on the fault ruptured in the 2012 M 5.6 Pernik slow earthquake in Bulgaria. (2024) Natural Hazards, 120(6), pp. 5309-5331.
2. Kilias, A. The Alpine Geological History of the Hellenides from the Triassic to the Present—Compression vs. Extension, a Dynamic Pair for Orogen Structural Configuration: A Synthesis. (2024) Geosciences (Switzerland) 14(1),10.
3. Obbágy, G., Dunkl, I., Józsa, S., (...), Lünsdorf, N.K., Von Eynatten, H. Paleogeographic implications of a multi-parameter paleogene provenance dataset (Transylvanian Basin, Romania). (2021) Journal of Sedimentary Research, 91(6), pp. 551-570.
4. Secchi, F., Naitza, S., Oggiano, G., (...), Giovanardi, T., Mazzucchelli, M. Geology of late-Variscan Sàrrabus pluton (south-eastern Sardinia, Italy). (2021) Journal of Maps, 17(2), pp. 591-606
5. Kounov, A., Seward, D., Burg, J.-P., Stockli, D., Wüthrich, E. Cenozoic thermal evolution of the Central Rhodope Metamorphic Complex (Southern Bulgaria). (2020) International Journal of Earth Sciences, 109 (5), pp. 1589-1611.
6. Kounov, A., Gerdjikov, I. The problems of the post-Cenomanian tectonic evolution of the central parts of the Sredna Gora Zone. The wrench tectonics - How real is real? (2020) Geologica Balcanica, 49(2), pp. 39-58

7. van Hinsbergen, D.J.J., Torsvik, T.H., Schmid, S.M., Maţenco, L.C., Maffione, M., Vissers, R.L.M., Gürer, D., Spakman, W. Orogenic architecture of the Mediterranean region and kinematic reconstruction of its tectonic evolution since the Triassic. (2020) Gondwana Research, 81, pp. 79-229.
8. Petrova, S. Geology and morphotectonics of Sredna Gora Mountains (Southern Bulgaria). (2020) ZooNotes
9. Heincz, A., Pál-Molnár, E., Kiss, B., Batki, A., Almási, E.E., Kiri, L. Open-system magmatic processes: Magma mingling, crystal transfer and cumulate recycling in the ditrău alkaline massif (Jolotca, Romania) [Nyílt rendszerű magmás folyamatok: Magmakeveredés, kristálycsere és kumulátum-recirkuláció nyomai a Ditrói alkáli masszívumban (Orotva, Románia)]. (2018) Foldtani Kozlony, 148 (2), pp. 125-142.
10. Andrić, N., Vogt, K., Matenco, L., Cvetković, V., Cloetingh, S., Gerya, T. Variability of orogenic magmatism during Mediterranean-style continental collisions: A numerical modelling approach. (2018) Gondwana Research, 56, pp. 119-134.
11. Gautier, P., Bosse, V., Cherneva, Z., Didier, A., Gerdjikov, I., Tiepolo, M. Polycyclic alpine orogeny in the Rhodope metamorphic complex: The record in migmatites from the Nestos shear zone (N. Greece). (2017) Bulletin de la Societe Geologique de France, 188 (6), art. no. 36, .
12. Gallhofer, D., Quadt, A.V., Peytcheva, I., Schmid, S.M., Heinrich, C.A. Tectonic, magmatic, and metallogenic evolution of the Late Cretaceous arc in the Carpathian-Balkan orogen. (2015) Tectonics, 34 (9), pp. 1813-1836.
13. Zananiri, I., Kondopoulou, D., Dimitriadis, S., Kilias, A. Insights into the geotectonic evolution of the southern Rhodope as inferred from a combined AMS, microtextural and paleomagnetic study of the Tertiary Symvolon and Vrondou plutons. (2013) Tectonophysics, 595-596, pp. 106-124.
14. Burg, J.-P. Rhodope: From mesozoic convergence to cenozoic extension. Review of petro-structural data in the geochronological frame. (2012) Journal of the Virtual Explorer, 42, p. 1.
15. Liati, A., Gebauer, D., Fanning, C.M. Geochronology of the Alpine UHP Rhodope Zone: A Review of Isotopic Ages and constraints on the Geodynamic Evolution. (2011) Ultrahigh-Pressure Metamorphism, pp. 295-324.

48. Fraenzle, S., Hoffmann, V., Panaiotu, C. Jordanova, D., *Jordanova, N.*, Djingova, R., Wuenschmann, S., Markert, B., 2009. Formation and determination of magnetite particles in biological samples for biomonitoring inputs of Fe and other heavy metals. Agrochimica, 53, Issue 6, 405-417. *IF=0.4*

Цитира се в:

1. Prozorov, T. , Magnetic microbes: Bacterial magnetite biomineralization. (2015) Seminars in Cell and Developmental Biology, 46, pp. 36-43

49. Jordanova D., *Jordanova N.*, Petrov P.,Tsacheva, T., 2010. Soil development of three Chernozem-like profiles from North Bulgaria revealed by magnetic studies. Catena, 83, 158-169. *IF=6.2*

Цитира се в:

1. Rousse, S., Llubes, M., Ghorbel, M., (...), Joussein, E., Munoz, M. Multi-devices field magnetic susceptibility: '3D' spatialization of metallic contamination in soils and reverse correlation in carbonated context (Jebel Ressas, Tunisia). (2023) Environmental Earth Sciences 82(19),457.
2. Pisarek, I., Grata, K. The Influence of Sewage Sludge and Fly Ash Fertilization on the Total Number of Bacteria (TNB) and Bradyrhizobium Species in Soybean Agroecosystem. (2023) Agriculture (Switzerland) 13(1),201.
3. Zhao, W., Wang, H., Zhang, Z., (...), Luo, Y., Liu, H. Discrimination of soil magnetism enhanced by land use and its implications for inferring alterations in sediment sources and soil erosion in a homogeneous watershed: An example from the Guizhou Plateau, SW China. (2022) Catena, 217,106476.
4. Pavlů, L., Kodešová, R., Vašát, R., (...), Nikodem, A., Kapička, A. Estimation of the stability of topsoil aggregates in areas affected by water erosion using selected soil and terrain properties. (2022) Soil and Tillage Research, 219,105348.
5. Silva Júnior, J.F.D., Siqueira, D.S., Teixeira, D.D.B., (...), Marques Júnior, J., Pereira, G.T. Multivariate split moving windows and magnetic susceptibility for locating soil boundaries of São Paulo, Brazil. (2021) Geoderma Regional, 26,e00418

6. Zheng, Y., Yang, S., Deng, C. Provenance and climate changes inferred from magnetic properties of the sediments from the lower Yangtze River (China) during the last 130 years. (2019) Journal of Asian Earth Sciences, 175, pp. 128-137.
7. Fang, Q., Hong, H., Zhao, L., Cheng, F., Yin, K., Wang, C. Climatic Implication of Authigenic Minerals Formed during Pedogenic Weathering Processes. (2018) Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China University of Geosciences, 43 (3), pp. 753-769.
8. Jeleńska, M., Górka-Kostrubiec, B., Dytłow, S.K. Magnetic Vertical Structure of Soil as a Result of Transformation of Iron Oxides During pedogenesis. The case study of soil profiles from Slovakia and Ukraine. (2018) GeoPlanet: Earth and Planetary Sciences, (9783319602127), pp. 103-125.
9. Bautista, F., Bógalo, M.F., Navarro, A.S., Goguitchaichvili, A., Delgado Iniesta, M.J., Cejudo, R., Sanleandro, P.M., Gil, J.M., Díaz-Pereira, E. Magnetic and pedological characterisation of a paleosol under aridic conditions in Spain. (2018) Studia Geophysica et Geodaetica, 62 (1), pp. 139-166.
10. Zhao, L., Hong, H., Fang, Q., Yin, K., Wang, C., Li, Z., Torrent, J., Cheng, F., Algeo, T.J. Monsoonal climate evolution in southern China since 1.2 Ma: New constraints from Fe-oxide records in red earth sediments from the Shengli section, Chengdu Basin. (2017) Palaeogeography, Palaeoclimatology, Palaeoecology, 473, pp. 1-15.
11. Hernández-Bernal, M.S., Morales, J., Corona-Chávez, P., Goguitchaichvili, A., Bautista, F. Combined rock-magnetic and geochemical characterization of Angangueo mining district, central Mexico. (2016) Environmental Earth Sciences, 75 (18), art. no. 1287, .
12. Lourenço, A.M., Gomes, C.R. Integration of magnetic measurements, chemical and statistical analysis in characterizing agricultural soils (central Portugal). (2016) Environmental Earth Sciences, 75 (11), art. no. 968, .
13. Górka-Kostrubiec, B., Teisseyre-Jeleńska, M., Dytłow, S.K. Magnetic properties as indicators of Chernozem soil development. (2016) Catena, 138, pp. 91-102.
14. Jakšík, O., Kodešová, R., Kapička, A., Klement, A., Fér, M., Nikodem, A. Using magnetic susceptibility mapping for assessing soil degradation due to water erosion. (2016) Soil and Water Research, 11 (2), pp. 105-113.
15. Samus, M.L.G., Rico, Y., Bidegain, J.C. Magnetic signal in soils of the centre of buenos aires province, Argentina [Señal magnética en suelos del centro de la provincia de Buenos Aires, Argentina]. (2016) Latin American Journal of Sedimentology and Basin Analysis, 23 (2), pp. 93-110.
16. Jakšík, O., Kodešová, R., Kubiš, A., Stehlíková, I., Drábek, O., Kapička, A. Soil aggregate stability within morphologically diverse areas. (2015) Catena, 127, pp. 287-299.
17. Scheidt, S., Hambach, U., Rolf, C. A consistent magnetic polarity stratigraphy of late Neogene to Quaternary fluvial sediments from the Heidelberg Basin (Germany): A new time frame for the Plio-Pleistocene palaeoclimatic evolution of the Rhine Basin. (2015) Global and Planetary Change, 127, pp. 103-116.
18. Wang, Q., Gao, Z., Jiao, F., Liu, F., Chang, B., Liu, Y. Organic materials returning to field and deep tillage improving chemical properties of calcic chernozem and increasing crop yield. (2015) Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering, 31 (14), pp. 110-115.
19. Wang, Q., Gao, Z., Chang, B., Liu, F. Deep tillage with organic materials returning to field improving soil physical characters of calcic chernozem. (2015) Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering, 31 (10), pp. 161-166.
20. DytŁow, S.K., Górka-Kostrubiec, B. Magnetic parameters as an indicator of the processes occurring in the degraded chernozem developed in loess from Miechow area [Parametry magnetyczne jako wskaźnik procesów zachodzących w czarnoziemie zdegradowanym uformowanym na miechowskim płacie lessowym]. (2014) Scientific Review Engineering and Environmental Sciences, 23 (2), pp. 170-184.
21. Lourenço, A.M., Sequeira, E., Sant'Ovaia, H., Gomes, C.R. Magnetic, geochemical and pedological characterisation of soil profiles from different environments and geological backgrounds near Coimbra, Portugal. (2014) Geoderma, 213, pp. 408-418.
22. Lourenço, A.M., Rocha, F., Gomes, C.R. Relationships between magnetic parameters, chemical composition and clay minerals of topsoils near Coimbra, central Portugal. (2012) Natural Hazards and Earth System Science, 12 (8), pp. 2545-2555.
23. Girault, F., Poitou, C., Perrier, F., Koirala, B.P., Bhattarai, M. Soil characterization using patterns of magnetic susceptibility versus effective radium concentration. (2011) Natural Hazards and Earth System Sciences, 11 (8), pp. 2285-2293.

50. Jordanova, D., Petrov, P., Hoffmann, V., Gocht, T., Panaiotu, C., Tsacheva, T., *Jordanova, N*., 2010. Magnetic Signature of Different Vegetation Species in Polluted Environment. Studia Geophysicae et Geodaetica, 54, 3, 417-442. *IF=0.9*

Цитира се в:

1. Chaparro, M.A.E., Chaparro, M.A.E., Molinari, D.A. A Fuzzy-Based Analysis of Air Particle Pollution Data: An Index IMC for Magnetic Biomonitoring. (2024) Atmosphere, 15(4),435.
2. Michczyński, A., Szuszkiewicz, M.M., Gołuchowska, B., Sikorski, J. Historical Record of Magnetic and Geochemical Signals in Mountain Peat Bogs: A Case Study of the Black Triangle Region (the Izery Mountains, SW Poland). (2022) Water, Air, and Soil Pollution 233(4),127.
3. Chaparro, M.A.E. Airborne particle accumulation and loss in pollution-tolerant lichens and its magnetic quantification. (2021) Environmental Pollution, 288,117807.
4. Dawaï, D., Macouin, M., Rousse, S., (...), Dedzo, M.G., Drigo, L. Tracking airborne pollution with environmental magnetism in a medium-sized african city. (2021) Atmosphere, 12(10),1281
5. Gómez, R.Q., Chaparro, M.A.E., Chaparro, M.A.E., Castañeda-Miranda, A.G., Marié, D.C., Gargiulo, J.D., Böhnel, H.N. Magnetic Biomonitoring Using Native Lichens: Spatial Distribution of Traffic-Derived Particles. (2021) Water, Air, and Soil Pollution, 232 (4), art. no. 124, .
6. Petrovský, E., Kapička, A., Grison, H., Kotlík, B., Miturová, H., Negative correlation between concentration of iron oxides and particulate matter in atmospheric dust: case study at industrial site during smoggy period. (2020) Environmental Sciences Europe, 32 (1), art. no. 134, .
7. Dai, Q., Zhou, M., Li, H., Qian, X., Yang, M., Li, F. Biomagnetic monitoring combined with support vector machine: a new opportunity for predicting particle-bound-heavy metals. (2020) Scientific Reports, 10 (1), art. no. 8605, .
8. Rea-Downing, G., Quirk, B.J., Wagner, C.L., Lippert, P.C. Evergreen Needle Magnetization as a Proxy for Particulate Matter Pollution in Urban Environments. (2020) GeoHealth, 4 (9), art. no. e2020GH000286,
9. Marié, D.C., Chaparro, M.A.E., Sinito, A.M., Lavat, A. Magnetic biomonitoring of airborne particles using lichen transplants over controlled exposure periods. (2020) SN Applied Sciences, 2 (1), art. no. 104, .
10. Kapper, K.L., Bautista, F., Goguitchaishvili, A., Bógalo, M.F., Cejudo-Ruíz, R., Solano, M.C. The use and misuse of magnetic methods to monitor environmental pollution in urban areas. (2020) Boletin de la Sociedad Geologica Mexicana, 72 (1), pp. 1-44.
11. Winkler, A., Caricchi, C., Guidotti, M., Owczarek, M., Macrì, P., Nazzari, M., Amoroso, A., Di Giosa, A., Listrani, S. Combined magnetic, chemical and morphoscopic analyses on lichens from a complex anthropic context in Rome, Italy. (2019) Science of the Total Environment, 690, pp. 1355-1368.
12. Dytłow, S., Górka-Kostrubiec, B. Effective and universal tool for evaluating heavy metals—passive dust samplers. (2019) Environmental Pollution, 247, pp. 188-194.
13. Muhammad, S., Wuyts, K., Samson, R. Atmospheric net particle accumulation on 96 plant species with contrasting morphological and anatomical leaf characteristics in a common garden experiment. (2019) Atmospheric Environment, 202, pp. 328-344.
14. Marié, D.C., Chaparro, M.A.E., Lavornia, J.M., Sinito, A.M., Castañeda Miranda, A.G., Gargiulo, J.D., Chaparro, M.A.E., Böhnel, H.N. Atmospheric pollution assessed by in situ measurement of magnetic susceptibility on lichens. (2018) Ecological Indicators, 95, pp. 831-840.
15. Leng, X., Qian, X., Yang, M., Wang, C., Li, H., Wang, J. Leaf magnetic properties as a method for predicting heavy metal concentrations in PM2.5 using support vector machine: A case study in Nanjing, China. (2018) Environmental Pollution, 242, pp. 922-930.
16. Kodnik, D., Winkler, A., Candotto Carniel, F., Tretiach, M. Biomagnetic monitoring and element content of lichen transplants in a mixed land use area of NE Italy. (2017) Science of the Total Environment, 595, pp. 858-867.
17. Li, H., Wang, J., Wang, Q., Tian, C., Qian, X., Leng, X. Magnetic Properties as a Proxy for Predicting Fine-Particle-Bound Heavy Metals in a Support Vector Machine Approach. (2017) Environmental Science and Technology, 51 (12), pp. 6927-6935.
18. Hofman, J., Maher, B.A., Muxworthy, A.R., Wuyts, K., Castanheiro, A., Samson, R. Biomagnetic Monitoring of Atmospheric Pollution: A Review of Magnetic Signatures from Biological Sensors. (2017) Environmental Science and Technology, 51 (12), pp. 6648-6664.
19. Paoli, L., Winkler, A., Guttová, A., Sagnotti, L., Grassi, A., Lackovičová, A., Senko, D., Loppi, S. Magnetic properties and element concentrations in lichens exposed to airborne pollutants released during cement production. (2017) Environmental Science and Pollution Research, 24 (13), pp. 12063-12080.

20. Castanheiro, A., Samson, R., De Wael, K. Magnetic- and particle-based techniques to investigate metal deposition on urban green. (2016) Science of the Total Environment, 571, pp. 594-602.
21. Castañeda Miranda, A.G., Chaparro, M.A.E., Chaparro, M.A.E., Böhnel, H.N. Magnetic properties of Tillandsia recurvata L. and its use for biomonitoring a Mexican metropolitan area. (2016) Ecological Indicators, 60, art. no. 2510, pp. 125-136.
22. Salo, H., Paturi, P., Mäkinen, J. Moss bag (Sphagnum papillosum) magnetic and elemental properties for characterising seasonal and spatial variation in urban pollution. (2016) International Journal of Environmental Science and Technology, 13 (6), pp. 1515-1524.
23. Marié, D.C., Chaparro, M.A.E., Irurzun, M.A., Lavornia, J.M., Marinelli, C., Cepeda, R., Böhnel, H.N., Castañeda Miranda, A.G., Sinito, A.M. Magnetic mapping of air pollution in Tandil city (Argentina) using the lichen Parmotrema pilosum as biomonitor. (2016) Atmospheric Pollution Research, 7 (3), pp. 513-520.
24. Salo, H. Enviromagnetic biomonitoring: New directions in air quality assessment using mosses and lichens. (2016) Biomonitoring of Air Pollution Using Mosses and Lichens: A Passive and Active Approach - State of the Art Research and Perspectives, pp. 195-228.
25. Chaparro, M.A.E., Chaparro, M.A.E., Castañeda Miranda, A.G., Böhnel, H.N., Sinito, A.M. An interval fuzzy model for magnetic biomonitoring using the specie Tillandsia recurvata L. (2015) Ecological Indicators, 54, pp. 238-245.
26. Wawer, M., Magiera, T., Ojha, G., Appel, E., Kusza, G., Hu, S., Basavaiah, N. Traffic-Related Pollutants in Roadside Soils of Different Countries in Europe and Asia. (2015) Water, Air, and Soil Pollution, 226 (7), art. no. 216, .
27. Vuković, G., Urošević, M.A., Tomašević, M., Samson, R., Popović, A. Biomagnetic monitoring of urban air pollution using moss bags (Sphagnum girgensohnii). (2015) Ecological Indicators, 52, pp. 40-47.
28. Salo, H. Preliminary enviromagnetic comparison of the moss, lichen, and filter fabric bags to air pollution monitoring. (2014) Fennia, 192 (2), pp. 154-163.
29. Dytlow, S.K., Gorka-Kostrubiec, B. Magnetometry application to the analysis of air pollutants accumulated on tree leaves. (2013) Environmental Engineering IV - Proceedings of the Conference on Environmental Engineering IV, pp. 317-322.
30. Yin, G., Hu, S., Cao, L., Roesler, W., Appel, E. Magnetic properties of tree leaves and their significance in atmospheric particle pollution in Linfen City, China. (2013) Chinese Geographical Science, 23 (1), pp. 59-72.
31. Dytłow, S.K., Górka-Kostrubiec, B. Magnetometry application to the analysis of air pollutants accumulated on tree leaves. (2013) Environmental Engineering IV, pp. 317-322.
32. Chaparro, M.A.E., Lavornia, J.M., Chaparro, M.A.E., Sinito, A.M. Biomonitors of urban air pollution: Magnetic studies and SEM observations of corticolous foliose and microfoliose lichens and their suitability for magnetic monitoring. (2013) Environmental Pollution, 172, pp. 61-69.
33. Sant'Ovaia, H., Lacerda, M.J., Gomes, C. Particle pollution - An environmental magnetism study using biocollectors located in northern Portugal. (2012) Atmospheric Environment, 61, pp. 340-349.
34. Salo, H., Bućko, M.S., Vaahtovuo, E., Limo, J., Mäkinen, J., Pesonen, L.J. Biomonitoring of air pollution in SW Finland by magnetic and chemical measurements of moss bags and lichens. (2012) Journal of Geochemical Exploration, 115, pp. 69-81.

51. Jordanova N.*, Jordanova D., 2010. Magnetic methods for delineation of heavy metal pollution in Burgas region. 10th International Multidisciplinary Scientific GeoConference SGEM 2010. Conference Proceedings, vol.1, 783 – 790 (2010). ISBN-10: 954-91818-1-2; ISBN-13: 978-954-91818-14** ***SJR=0.151

52. Sirakov N., Guadelli J.-L., Ivanova S., Sirakova S., Boudadi-Maligne M., Dimitrova I., Fernandez Ph, Ferrier C., Guadelli A., Iordanova D., *Iordanova N.*, Kovatcheva M., Krumov I., Leblanc J.-Cl., Miteva V., Popov V., Spassov R., Taneva S., Tsanova T.. 2010. An ancient continuous human presence in the Balkans and the beginnings of human settlement in western Eurasia: A Lower Pleistocene example of the Lower Palaeolithic levels in Kozarnika cave (North-western Bulgaria). *Quaternary International* 223-224; 94 -106. ***IF 2.2***

Цитира се в:

1. Płonka, T., Wiśniewski, A., Marciszak, A., (...), Diakowski, M., Serwatka, K. A Middle Palaeolithic incised bear bone from the Dziadowa Skała Cave, Poland: the oldest marked object north of the Carpathian Mountains. (2024). Journal of Archaeological Science 166,105971.
2. Garba, R., Usyk, V., Ylä-Mella, L., (...), Knudsen, M.F., Jansen, J.D. East-to-west human dispersal into Europe 1.4 million years ago. (2024) Nature, 627(8005), pp. 805-810.
3. Croitor, R., Robinson, C., Curran, S., (...), Popescu, A., Petculescu, A. Early pleistocene ruminants (Artiodactyla, Mammalia) from the Dacian Basin (South Romania) before and after the Pachycrocuta event: implications for hominin dispersals in Western Eurasia. (2024) Historical Biology, 36(3), pp. 485-533.
4. Dogandžić, T. The Middle Paleolithic of the Balkans: Industrial Variability, Human Biogeography, and Neanderthal Demise. (2023) Journal of World Prehistory 36(2-4), pp. 257-338.
5. d'Errico, F., David, S., Coqueugniot, H., (...), Queffelec, A., Doyon, L. A 36,200-year-old carving from Grotte des Gorges, Amange, Jura, France. (2023) Scientific Reports 13(1),12895.
6. Boev, Z. Quaternary vertebrate fauna of Bulgaria – composition, chronology and impoverishment. (2023) Geologica Balcanica 52(1), pp. 21-48.
7. Kot, M., Berto, C., Krajcarz, M.T., (...), Wertz, K., Madeyska, T. Frontiers of the Lower Palaeolithic expansion in Europe: Tunel Wielki Cave (Poland). (2022) Scientific Reports 12(1),16355.
8. Marciszak, A., Lipecki, G. Panthera gombaszoegensis (Kretzoi, 1938) from Poland in the scope of the species evolution. (2022) Quaternary International, 633, pp. 36-51.
9. White, M.J. A global history of the earlier palaeolithic: Assembling the acheulean world, 1673-2020s (Book). (2022) A Global History of The Earlier Palaeolithic: Assembling the Acheulean World, 1673-2020s. pp. 1-580.
10. Palmqvist, P., Rodríguez-Gómez, G., Bermúdez de Castro, J.M., (...), Martínez-Navarro, B., Guerra-Merchán, A. Insights on the Early Pleistocene Hominin Population of the Guadix-Baza Depression (SE Spain) and a Review on the Ecology of the First Peopling of Europe. (2022) Frontiers in Ecology and Evolution 10,881651.
11. Domínguez-Solera, S.D., Martín-Lerma, I., Moreno, D., Pérez-Garrido, C. Lower paleolithic butchery knives and carpentry tools: MODE 1 industry of "El Pino" (Campos del Paraíso, Cuenca, Spain). (2022) Journal of Archaeological Science: Reports. 42,103377.
12. Sutton, M.Q. Discovering world prehistory: Interpreting the past through archaeology (Book). (2022) Discovering World Prehistory: Interpreting the Past through Archaeology, pp. 1-421.
13. Borić, D., Cristiani, E., Hopkins, R., (...), Lane, C., White, D. Neanderthals on the Lower Danube: Middle Palaeolithic evidence in the Danube Gorges of the Balkans. (2022) Journal of Quaternary Science 37(2), pp. 142-180.
14. Stepanchuk, V.N. Early human dispersal at the western edge of the Eastern European plain: Data from Ukraine | [Dispersion humaine précoce à la limite occidentale de la plaine d'Europe de l'Est: données d'Ukraine]. (2022) Anthropologie (France) 126(1),102977.
15. Yravedra, J., Solano, J.A., Courtenay, L.A., (...), Barsky, D., Jiménez-Arenas, J.M. Use of meat resources in the Early Pleistocene assemblages from Fuente Nueva 3 (Orce, Granada, Spain). (2021) Archaeological and Anthropological Sciences, 13(12),213.
16. Ma, S., Doyon, L. Animals for Tools: The Origin and Development of Bone Technologies in China. (2021) Frontiers in Earth Science, 9,784313.
17. Burdukiewicz, J.M. The Lower Palaeolithic assemblages in Central Europe in stratigraphic and palaeogeographic background | [Les assemblages du Paléolithique inférieur en Europe centrale dans un contexte stratigraphique et paléogéographique]. (2021) Anthropologie (France), 125(4),102937
18. Falguères, C. The first human settlements out africa into Europe: A chronological perspective. (2020) Quaternary Science Reviews, 247, art. no. 106551, .
19. Vislobokova, I.A., Agadzhanyan, A.K., Lopatin, A.V. The case of Trlica TRL11–10 (Montenegro): Implications for possible early hominin dispersals into the Balkans in the middle of the Early Pleistocene. (2020) Quaternary International, 554, pp. 15-35.
20. Terhune, C.E., Curran, S., Croitor, R., Drăgușin, V., Gaudin, T., Petculescu, A., Robinson, C., Robu, M., Werdelin, L. Early Pleistocene fauna of the Olteț River Valley of Romania: Biochronological and biogeographic implications. (2020) Quaternary International, 553, pp. 14-33.
21. Cherin, M., Alba, D.M., Crotti, M., Menconero, S., Moullé, P.-É., Sorbelli, L., Madurell-Malapeira, J. The post-Jaramillo persistence of Sus strozzii (Suidae, Mammalia) in Europe: New evidence from the Vallparadís Section (NE Iberian Peninsula) and other coeval sites. (2020) Quaternary Science Reviews, 233, art. no. 106234, .
22. Iannucci, A., Gasparik, M., Sardella, R. First report of Sus strozzii (Suidae, Mammalia) from the Early Pleistocene of Hungary (Dunaalmás) and species distinction based on deciduous teeth. (2020) Science of Nature, 107 (1), art. no. 5, .

23. Kissel, M. Becoming wise: What can anthropologists say about the evolution of human wisdom? (2020) Theology and Evolutionary Anthropology: Dialogues in Wisdom, Humility and Grace, pp. 69-85.
24. Petkov, R. Artificial intelligence (Ai) and the accounting function—a revisit and a new perspective for developing framework. (2020) Journal of Emerging Technologies in Accounting, 17 (1), pp. 99-105.
25. Carter, T., Contreras, D.A., Holcomb, J., Mihailović, D.D., Karkanas, P., Guérin, G., Taffin, N., Athanasoulis, D., Lahaye, C. Earliest occupation of the Central Aegean (Naxos), Greece: Implications for hominin and Homo sapiens' behavior and dispersals. (2019) Science Advances, 5 (10), art. no. eaax0997, .
26. Boulbes, N., van Asperen, E.N. Biostratigraphy and Palaeoecology of European Equus. (2019) Frontiers in Ecology and Evolution, 7, art. no. 301, .
27. Roosevelt, C.H., Dinçer, B., Luke, C., Çilingiroğlu, Ç. A Lower Paleolithic assemblage from western Anatolia: The lithics from Bozyer. (2019) Quaternary International, 522, pp. 66-84.
28. Szymanek, M., Julien, M.-A. Early and Middle Pleistocene climate-environment conditions in Central Europe and the hominin settlement record. (2018) Quaternary Science Reviews, 198, pp. 56-75.
29. Nikolova, L. Cultural genomics and the changing dynamics of cultural identity: The scholarly bond of archaeology, genealogy, and genomics. (2018) Cultural Genomics and the Changing Dynamics of Cultural Identity: The Scholarly Bond of Archaeology, Genealogy, and Genomics, pp. 1-240.
30. Stojanovski, D., Arzarello, M., Nacev, T. Middle Palaeolithic stone-tool technology from the Central Balkans: The site of Uzun Mera (eastern Republic of Macedonia). (2018) Quaternary International, 476, pp. 63-69.
31. Majkić, A., d'Errico, F., Milošević, S., Mihailović, D., Dimitrijević, V. Sequential Incisions on a Cave Bear Bone from the Middle Paleolithic of Pešturina Cave, Serbia. (2018) Journal of Archaeological Method and Theory, 25 (1), pp. 69-116.
32. Muttoni, G., Scardia, G., Kent, D.V. Early hominins in Europe: The Galerian migration hypothesis. (2018) Quaternary Science Reviews, 180, pp. 1-29.
33. Sen, S., Saraç, G. Hyaenidae (carnivora, mammalia) from late miocene and pliocene of çalta (Ankara, Turkey). (2018) Revue de Paleobiologie, 37 (2), pp. 561-575.
34. Michel, V., Shen, C.-C., Woodhead, J., Hu, H.-M., Wu, C.-C., Moullé, P.-E., Khatib, S., Cauche, D., Moncel, M.-H., Valensi, P., Chou, Y.-M., Gallet, S., Echassoux, A., Orange, F., De Lumley, H. New dating evidence of the early presence of hominins in Southern Europe. (2017) Scientific Reports, 7 (1), art. no. 10074, .
35. Garcia Garriga, J., Martínez, K., Yravedra, J. Hominin and carnivore interactions during the Early Pleistocene in Western Europe [Stratégies adaptatives des hominidés et des carnivores en Europe occidentale dans le Pléistocène inférieur]. (2017) Anthropologie (France), 121 (5), pp. 343-366.
36. Rodríguez-Gómez, G., Rodríguez, J., Martín-González, J.A., Mateos, A. Evaluating the impact of Homo-carnivore competition in European human settlements during the early to middle Pleistocene. (2017) Quaternary Research (United States), 88 (1), pp. 129-151.
37. Landeck, G., Garcia Garriga, J. New taphonomic data of the 1 Myr hominin butchery at Untermassfeld (Thuringia, Germany). (2017) Quaternary International, 436, pp. 138-161.
38. Boev, Z. Fossil and subfossil record of species of the genus Lynx Kerr, 1792 (Mammalia: Felidae) in Bulgaria. (2017) Acta Zoologica Bulgarica, 69 (3), pp. 303-306.
39. Lozano, S., Mateos, A., Rodríguez, J. Exploring paleo food-webs in the European Early and Middle Pleistocene: A network analysis. (2016) Quaternary International, 413, pp. 44-54.
40. Rocca, R., Abruzzese, C., Aureli, D. European Acheuleans: Critical perspectives from the East. (2016) Quaternary International, 411, pp. 402-411.
41. Rocca, R. First settlements in Central Europe: Between originality and banality. (2016) Quaternary International, 409, pp. 213-221.
42. Moncel, M.-H., Arzarello, M., Peretto, C. The Hoslteinian period in Europe (MIS 11-9). (2016) Quaternary International, 409, pp. 1-8.
43. Doronichev, V. The Pre-Mousterian industrial complex in Europe between 400 and 300 ka: Interpreting its origin and spatiotemporal variability. (2016) Quaternary International, 409, pp. 222-240.
44. Rocca, R. From the East? New perspective on the first settlement dynamic in Europe [Depuis l'Est ? Nouvelles perspectives sur les premières dynamiques de peuplement en Europe]. (2016) Anthropologie (France), 120 (3), pp. 209-236.
45. Arzarello, M., De Weyer, L., Peretto, C. The first European peopling and the Italian case: Peculiarities and "opportunism". (2016) Quaternary International, 393, pp. 41-50.
46. Bourguignon, L., Crochet, J.-Y., Capdevila, R., Ivorra, J., Antoine, P.-O., Agustí, J., Barsky, D., Blain, H.-A., Boulbes, N., Bruxelles, L., Claude, J., Cochard, D., Filoux, A., Firmat, C., Lozano-Fernández, I., Magniez, P., Pelletier, M., Rios-Garaizar, J., Testu, A., Valensi, P., De Weyer, L. Bois-de-Riquet

(Lézignan-la-Cèbe, Hérault): A late Early Pleistocene archeological occurrence in southern France. (2016) Quaternary International, 393, pp. 24-40.
47. Mihailović, D., Bogićević, K. Technological changes and population movements in the late lower and early middle paleolithic of the central Balkans. (2016) Vertebrate Paleobiology and Paleoanthropology, (9789402408737), pp. 139-151.
48. Strait, D.S., Orr, C.M., Hodgkins, J., Spassov, N., Gurova, M., Miller, C., Tzankov, T. The human fossil record of Bulgaria and the formulation of biogeographic hypotheses. (2016) Vertebrate Paleobiology and Paleoanthropology, (9789402408737), pp. 69-78.
49. Spassov, N. Southeastern Europe as a route for the earliest dispersal of homo toward Europe: Ecological conditions and the timing of the first human occupation of Europe. (2016) Vertebrate Paleobiology and Paleoanthropology, (9789402408737), pp. 281-290.
50. Harvati, K. Paleoanthropology in Greece: Recent findings and interpretations. (2016) Vertebrate Paleobiology and Paleoanthropology, (9789402408737), pp. 3-14.
51. Doboş, A., Iovita, R. The lower paleolithic of Romania revisited: New evidence from the site of Dealul Guran. (2016) Vertebrate Paleobiology and Paleoanthropology, (9789402408737), pp. 171-186.
52. Tourloukis, V. On the spatio-temporal distribution of mediterranean lower paleolithic sites: A geoarchaeological perspective. (2016) Vertebrate Paleobiology and Paleoanthropology, (9789402408737), pp. 303-323.
53. Martínez-Navarro, B., Madurell-Malapeira, J., Ros-Montoya, S., Espigares, M.-P., Medin, T., Hortolà, P., Palmqvist, P. The Epivillafranchian and the arrival of pigs into Europe. (2015) Quaternary International, 389, pp. 131-138.
54. Rodríguez, J., Mateos, A., Martín-González, J.A., Rodríguez-Gómez, G. How rare was human presence in Europe during the Early Pleistocene? (2015) Quaternary International, 389, pp. 119-130.
55. Head, M.J., Gibbard, P.L. Early-Middle Pleistocene transitions: Linking terrestrial and marine realms. (2015) Quaternary International, 389, pp. 7-46.
56. Doboş, A., Iovita, R. Lower Palaeolithic in Romania: A revaluation from the perspective of the discoveries from Dealul Guran site [Paleoliticul inferior din românia: O reevaluare din perspectiva descoperirilor din situl dealul guran]. (2015) Materiale si Cercetari Arheologice, (11), pp. 5-17.
57. Barsky, D., Sala, R., Menéndez, L., Toro-Moyano, I. Use and re-use: Re-knapped flakes from the Mode 1 site of Fuente Nueva 3 (Orce, Andalucía, Spain). (2015) Quaternary International, 361, pp. 21-33.
58. Garcia, J., Martínez, K., Cuenca-Bescós, G., Carbonell, E. Human occupation of Iberia prior to the Jaramillo magnetochron (>1.07 Myr). (2014) Quaternary Science Reviews, 98, pp. 84-99.
59. Vallverdú, J., Saladié, P., Rosas, A., Huguet, R., Cáceres, I., Mosquera, M., Garcia-Tabernero, A., Estalrrich, A., Lozano-Fernández, I., Pineda-Alcalá, A., Carrancho, Á., Villalaín, J.J., Bourlès, D., Braucher, R., Lebatard, A., Vilalta, J., Esteban-Nadal, M., Bennàsar, M.L., Bastir, M., López-Polín, L., Ollé, A., Vergés, J.M., Ros-Montoya, S., Martínez-Navarro, B., García, A., Martinell, J., Expósito, I., Burjachs, F., Agustí, J., Carbonell, E. Age and date for early arrival of the Acheulian in Europe (Barranc de la Boella, la Canonja, Spain). (2014) PLoS ONE, 9 (7), art. no. e103634, .
60. Stuart, A.J., Lister, A.M. New radiocarbon evidence on the extirpation of the spotted hyaena (Crocuta crocuta (Erxl.)) in northern Eurasia. (2014) Quaternary Science Reviews, 96, pp. 108-116.
61. Palombo, M.R. Deconstructing mammal dispersals and faunal dynamics in SW Europe during the Quaternary. (2014) Quaternary Science Reviews, 96, pp. 50-71.
62. Madurell-Malapeira, J., Ros-Montoya, S., Espigares, M.P., Alba, D.M., Aurell-Garrido, J. Villafranchian large mammals from the Iberian Peninsula: Paleobiogeography, paleoecology and dispersal events. (2014) Journal of Iberian Geology, 40 (1), pp. 167-178.
63. Muttoni, G., Kent, D.V., Scardia, G., Monesi, E. Migration of hominins with megaherbivores into europe via the danube-po gateway in the late matuyama climate revolution. (2014) Rivista Italiana di Paleontologia e Stratigrafia, 120 (3), pp. 351-365.
64. Marciszak, A. Presence of panthera gombaszoegensis (Kretzoi, 1938) in the late middle pleistocene of biśnik cave, Poland, with an overview of Eurasian jaguar size variability. (2014) Quaternary International, 326-327, pp. 105-113.
65. Garcia, J., Martínez, K., Carbonell, E. The Early Pleistocene stone tools from Vallparadís (Barcelona, Spain): Rethinking the European Mode 1. (2013) Quaternary International, 316, pp. 94-114.
66. Barsky, D., Garcia, J., Martínez, K., Sala, R., Zaidner, Y., Carbonell, E., Toro-Moyano, I. Flake modification in European Early and Early-Middle Pleistocene stone tool assemblages. (2013) Quaternary International, 316, pp. 140-154.
67. Garcia, J., Landeck, G., Martínez, K., Carbonell, E. Hominin dispersals from the Jaramillo subchron in central and south-western Europe: Untermassfeld (Germany) and Vallparadís (Spain). (2013) Quaternary International, 316, pp. 73-93.

68. Rolland, N. The Early Pleistocene human dispersals in the Circum-Mediterranean Basin and initial peopling of Europe: Single or multiple pathways? (2013) Quaternary International, 316, pp. 59-72.
69. Bermúdez de Castro, J.M., Martinón-Torres, M., Blasco, R., Rosell, J., Carbonell, E. Continuity or discontinuity in the European Early Pleistocene human settlement: The Atapuerca evidence. (2013) Quaternary Science Reviews, 76, pp. 53-65.
70. Rodríguez, J., Martín-González, J.A., Goikoetxea, I., Rodríguez-Gómez, G., Mateos, A. Mammalian paleobiogeography and the distribution of Homo in early Pleistocene Europe. (2013) Quaternary International, 295, pp. 48-58.
71. Parés, J.M., Duval, M., Arnold, L.J. New views on an old move: Hominin migration into Eurasia. (2013) Quaternary International, 295, pp. 5-12.
72. Rodríguez, J., Rodríguez-Gómez, G., Martín-González, J.A., Goikoetxea, I., Mateos, A. Predator-prey relationships and the role of Homo in Early Pleistocene food webs in Southern Europe. (2012) Palaeogeography, Palaeoclimatology, Palaeoecology, 365-366, pp. 99-114.
73. Colombero, S., Pavia, M., Rook, L. Pannonictis nestii (Galictinae, Mustelidae), a new element in the vertebrate association of the human site of Pirro Nord (Italy, Early Pleistocene) [Pannonictis nestii (Galictinae, Mustelidae), un nouvel élément dans l'association de ertébrés du site d'occupation humaine de Pirro Nord (Italie, Pléistocène inférieur)]. (2012) Geodiversitas, 34 (3), pp. 665-681.
74. MacDonald, K., Martinón-Torres, M., Dennell, R.W., Bermúdez de Castro, J.M. Discontinuity in the record for hominin occupation in south-western Europe: Implications for occupation of the middle latitudes of Europe. (2012) Quaternary International, 271, pp. 84-97.
75. Fitzsimmons, K.E., Marković, S.B., Hambach, U. Pleistocene environmental dynamics recorded in the loess of the middle and lower Danube basin. (2012) Quaternary Science Reviews, 41, pp. 104-118.
76. Iovita, R., Fitzsimmons, K.E., Dobos, A., Hambach, U., Hilgers, A., Zander, A. Dealul guran: Evidence for lower palaeolithic (MIS 11) occupation of the lower danube loess steppe. (2012) Antiquity, 86 (334), pp. 973-989.
77. Testu, A., Moigne, A.-M., De Lumley, H. The leopard panthera pardus from the caune de l'arago - Lower levels (Tautavel, Pyrénées-orientales, France) in the context of European pleistocene medium-sized felids (Felinae, Pantherinae) [La Panthère Panthera pardus des niveaux inférieurs de la caune de l'arago à tautavel (Pyrénées-Orientales, France) dans le contexte des felidae (Felinae, Pantherinae) de taille moyenne du pléistocène Européen]. (2011) Quaternaire, Supplement, (4), pp. 271-281.
78. Moyano, I.T., Barsky, D., Cauche, D., Celiberti, V., Grégoire, S., Lebegue, F., Moncel, M.H., de Lumley, H. The archaic stone tool industry from Barranco León and Fuente Nueva 3, (Orce, Spain): Evidence of the earliest hominin presence in southern Europe. (2011) Quaternary International, 243 (1), pp. 80-91.
79. Roebroeks, W., Vill, P. On the earliest evidence for habitual use of fire in Europe. (2011) Proceedings of the National Academy of Sciences of the United States of America, 108 (13), pp. 5209-5214.
80. Cholakov, I.D., Chukalev, K. Archaeology in Bulgaria, 2007-2009. (2010) American Journal of Archaeology, 114 (4), pp. 715-741.
81. Moncel, M.-H. Oldest human expansions in Eurasia: Favouring and limiting factors. (2010) Quaternary International, 223-224, pp. 1-9.

53. Jordanova N., Jordanova, D., Petrov, P. , 2011. Magnetic imprints of pedogenesis in Planosols and Stagnic Alisol from Bulgaria. Geoderma, 160, 477-489. *IF=6.2*

Цитира се в:

1. Kabala, C., Musztyfaga, E., Jary, Z., (...), Gałka, B., Kobierski, M. Glossic planosols in the postglacial landscape of central europe: Modern polygenetic soils or subaerial palaeosols? (2022) Geoderma 426,116101.
2. Zhai, Y., Cao, X., Xia, X., (...), Teng, Y., Li, X. Elevated fe and mn concentrations in groundwater in the songnen plain, northeast china, and the factors and mechanisms involved. (2021) Agronomy 11(12),2392
3. Amrutha, K., Warrier, A.K., Sandeep, K., Jyothinath, A., Ananthapadmanabha, A.L., Shankar, R. Environmental Magnetic Properties of Lateritic Soils from Southwestern India. (2021) Eurasian Soil Science, 54 (2), pp. 238-248.
4. Szuszkiewicz, M., Petrovský, E., Łukasik, A., Gruba, P., Grison, H., Szuszkiewicz, M.M. Technogenic contamination or geogenic enrichment in Regosols and Leptosols? Magnetic and geochemical imprints on topsoil horizons. (2021) Geoderma, 381, art. no. 114685, .
5. Ouyang, T., Li, M., Guo, Y., Peng, S., He, C., Zhu, Z. Magnetic Difference Between Deep and Surface Soil Within an Agricultural Area in Southern China: Implications for Magnetic Mineral Transformation During Pedogenic Process Under Subtropical Climate. (2020) Earth and Space Science, 7 (10), art. no. e2019EA001070, .

6. Petrovský, E., Remeš, J., Kapička, A., Podrázský, V., Grison, H., Borůvka, L. Magnetic mapping of distribution of wood ash used for fertilization of forest soil. (2018) Science of the Total Environment, 626, pp. 228-234.
7. Bautista, F., Bógalo, M.F., Navarro, A.S., Goguitchaichvili, A., Delgado Iniesta, M.J., Cejudo, R., Sanleandro, P.M., Gil, J.M., Díaz-Pereira, E. Magnetic and pedological characterisation of a paleosol under aridic conditions in Spain. (2018) Studia Geophysica et Geodaetica, 62 (1), pp. 139-166.
8. Claudio, C., Di Iorio, E., Liu, Q., Jiang, Z., Barrón, V. Iron oxide nanoparticles in soils: Environmental and agronomic importance. (2017) Journal of Nanoscience and Nanotechnology, 17 (7), pp. 4449-4460.
9. Szuszkiewicz, M., Łukasik, A., Magiera, T., Mendakiewicz, M. Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach. (2016) Environmental Pollution, 214, pp. 464-477.
10. Pulley, S., Rowntree, K. Stages in the life of a magnetic grain: Sediment source discrimination, particle size effects and spatial variability in the South African Karoo. (2016) Geoderma, 271, pp. 134-143.
11. Łukasik, A., Magiera, T., Lasota, J., Błońska, E. Background value of magnetic susceptibility in forest topsoil: Assessment on the basis of studies conducted in forest preserves of Poland. (2016) Geoderma, 264, pp. 140-149.
12. Ivanov, Y.Y., Minyuk, P.S., Tret'yakova, N.I., Kolesov, E.V., Fomina, M.I. Petromagnetism of ores and host rocks in the Southern Omolon ore district (Northeast Russia). (2015) Russian Journal of Pacific Geology, 9 (4), pp. 312-321.
13. Jakšík, O., Kodešová, R., Kubiš, A., Stehlíková, I., Drábek, O., Kapička, A. Soil aggregate stability within morphologically diverse areas. (2015) Catena, 127, pp. 287-299.
14. Till, J.L., Guyodo, Y., Lagroix, F., Ona-Nguema, G., Brest, J. Magnetic comparison of abiogenic and biogenic alteration products of lepidocrocite. (2014) Earth and Planetary Science Letters, 395, pp. 149-158.
15. Lu, S.-G., Zhu, L., Yu, J.-Y. Mineral magnetic properties of Chinese paddy soils and its pedogenic implications. (2012) Catena, 93, pp. 9-17.
16. Sandeep, K., Warrier, A.K., Harshavardhana, B.G., Shankar, R. Rock magnetic investigations of surface and sub-surface soil samples from five lake catchments in tropical southern India. (2012) International Journal of Environmental Research, 6 (1), pp. 1-18.

54. Jordanova D., Grygar, T., *Jordanova, N.*, Petrov, P., 2011. Palaeoclimatic significance of hematite/goethite ratio in Bulgarian loess-palaeosol sediments deduced by DRS and rock magnetic measurements. *In: "The Earth's Magnetic Interior" Volume 1 in the IAGA Special Sopron Book Series, Springer* (IAGA special volume publication from 11th Scientific Assembly, August 23 – 30 2009, Sopron, Hungary), pp. 399-412.

Цитира се в:

1. Hosek, J.; Hambach, U. ; Lisa, L. Grygar, TM, Horacek, I.; Meszner, S.; Knesl, I. An integrated rock-magnetic and geochemical approach to loess/paleosol sequences from Bohemia and Moravia (Czech Republic): Implications for the Upper Pleistocene paleoenvironment in central Europe.(2015) PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY Volume: 418 Pages: 344-358

55. Jordanova D., *Jordanova, N.*, Atanasova, A., Tsacheva, Ts., Petrov, P., 2011. Soil tillage erosion estimated by using magnetism of soils – a case study from Bulgaria. Environmental Monitoring and Assessment, 183 (1-4), 381-394. *IF=3.0*

Цитира се в:

1. Zhang, M., Zhang, W., Zhang, K., Yu, Y., Liu, L. Centennial scale temporal responses of soil magnetic susceptibility and spatial variation to human cultivation on hillslopes in Northeast China. (2023) Soil and Tillage Research 234,105865.
2. Ouallali, A., Bouhsane, N., Bouhlassa, S., (...), Ayoubi, S., Aassoumi, H. Rapid magnetic susceptibility measurement as a tracer to assess the erosion–deposition process using tillage homogenization and simple proportional models: A case study in northern of Morocco. (2023) International Journal of Sediment Research 38(5), pp. 739-753.

3. Bouhlassa, S., Bouhsane, N. Assessment of the impacts of land-use change and slope position on soil loss by magnetic susceptibility-based models. (2023) International Journal of Sediment Research, 38(3), pp. 455-468.
4. Yu, Y., Zhang, K., Liu, L., Zhang, W. Advance in studies on soil erosion using magnetic susceptibility technique. (2022) Science of Soil and Water Conservation 20(3), pp. 135-141.
5. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231-251
6. Bouhlassa, S., Bouhsane, N. Estimation of soil losses by the improved tillage homogenization model and rusle model. (2020) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 43 (B3), pp. 961-967.
7. Ayoubi, S., Moazzeni Dehaghani, S. Identifying impacts of land use change on soil redistribution at different slope positions using magnetic susceptibility. (2020) Arabian Journal of Geosciences, 13 (11), art. no. 426, .
8. Hu, P., Heslop, D., Viscarra Rossel, R.A., Roberts, A.P., Zhao, X. Continental-scale magnetic properties of surficial Australian soils (2020) Earth-Science Reviews, 203, art. no. 103028, .
9. Novara, A., Stallone, G., Cerdà, A., Gristina, L. The effect of Shallow Tillage on soil erosion in a semi-arid vineyard. (2019) Agronomy, 9 (5), art. no. 9050257, .
10. Barbosa, R.S., Marques Júnior, J., Barrón, V., Martins Filho, M.V., Siqueira, D.S., Peluco, R.G., Camargo, L.A., Silva, L.S. Prediction and mapping of erodibility factors (USLE and WEPP) by magnetic susceptibility in basalt-derived soils in northeastern São Paulo state, Brazil. (2019) Environmental Earth Sciences, 78 (1), art. no. 12, .
11. Romero-Ruiz, A., Linde, N., Keller, T., Or, D. A Review of Geophysical Methods for Soil Structure Characterization. (2018) Reviews of Geophysics, 56 (4), pp. 672-697.
12. Menshov, O., Kruglov, O., Vyzhva, S., Nazarok, P., Pereira, P., Pastushenko, T. Magnetic methods in tracing soil erosion, Kharkov Region, Ukraine. (2018) Studia Geophysica et Geodaetica, 62 (4), pp. 681-696.
13. Fiener, P., Wilken, F., Aldana-Jague, E., Deumlich, D., Gómez, J.A., Guzmán, G., Hardy, R.A., Quinton, J.N., Sommer, M., Van Oost, K., Wexler, R. Uncertainties in assessing tillage erosion – How appropriate are our measuring techniques? (2018) Geomorphology, 304, pp. 214-225.
14. Menshov, O. Theory and methodology of soil magnetism in geology, ecology and soil science [Теорія та методологія магнетизму ґрунтового покриву в геології, екології та ґрунтознавстві] (2018) 12th International Scientific Conference "Monitoring of Geological Processes and Ecological Condition of the Environment", .
15. Vázquez C., G., Solís C., B., Solleiro-Rebolledo, E., Goguitchaichvili, A., Morales C., J.J. Mineral magnetic properties of an alluvial paleosol sequence in the Maya Lowlands: Late Pleistocene–Holocene paleoclimatic implications. (2016) Quaternary International, 418, pp. 10-21.
16. Jakšík, O., Kodešová, R., Kapička, A., Klement, A., Fér, M., Nikodem, A. Using magnetic susceptibility mapping for assessing soil degradation due to water erosion. (2016) Soil and Water Research, 11 (2), pp. 105-113.
17. Kapička, A., Grison, H., Petrovský, E., Jakšík, O., Kodešová, R. Use of magnetic susceptibility for evaluation of soil erosion at two locations with different soil types. (2015) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2 (3), pp. 417-424.
18. Wysocka-Czubaszek, A., Czubaszek, R. Tillage erosion: The principles, controlling factors and main implications for future research. (2014) Journal of Ecological Engineering, 15 (4), pp. 150-159.
19. Quijano, L., Chaparro, M.A.E., Marié, D.C., Gaspar, L., Navas, A. Relevant magnetic and soil parameters as potential indicators of soil conservation status of Mediterranean agroecosystems. (2014) Geophysical Journal International, 198 (3), pp. 1805-1817.
20. Kapicka, A., Dlouha, S., Grison, H., Jaksik, O., Petrovsky, E., Kodesova, R. Magnetic properties of soils - A basis for erosion study at agricultural land in Southern Moravia. (2013) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, pp. 577-584.
21. Menshov, O., Sukhorada, A., Homenko, R., Kruglov, O. Ultradetailed environmental magnetic investigations in Ukraine. (2012) Near Surface Geoscience 2012, .

56. Grison, H. , Petrovský, E. , *Jordanova, N.* , Kapička, A., 2011. Strongly magnetic soil developed on a non-magnetic rock basement: A case study from NW Bulgaria. Studia Geophysica et Geodaetica, 55 (4), 697-716. ***IF=0.9***

Цитира се в:

1. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications . (2022) Canadian Journal of Soil Science 102(2), pp. 231-251
2. Ren, J., Long, X., Ji, J., Barrón, V., Torrent, J., Wang, Y., Xie, S. Different Enrichment Patterns of Magnetic Particles Modulated by Primary Iron-Phosphorous Input. (2020) Geophysical Research Letters, 47 (22), art. no. e2020GL090439, .
3. Ouyang, T., Li, M., Guo, Y., Peng, S., He, C., Zhu, Z. Magnetic Difference Between Deep and Surface Soil Within an Agricultural Area in Southern China: Implications for Magnetic Mineral Transformation During Pedogenic Process Under Subtropical Climate. (2020) Earth and Space Science, 7 (10), art. no. e2019EA001070, .
4. Ouyang, T., Li, M., Appel, E., Fu, S., Jia, G., Li, W., Zhu, Z. Magnetic properties of surface sediments from the Pearl River Estuary and its adjacent waters: Implication for provenance. (2017) Marine Geology, 390, pp. 80-88.
5. Rachwał, M., Kardel, K., Magiera, T., Bens, O. Application of magnetic susceptibility in assessment of heavy metal contamination of Saxonian soil (Germany) caused by industrial dust deposition. (2017) Geoderma, 295, pp. 10-21.
6. Bian, Y., Ouyang, T., Zhu, Z., Huang, N., Wan, H., Li, M. Magnetic properties of agricultural soil in the Pearl River Delta, South China - Spatial distribution and influencing factor analysis. (2014) Journal of Applied Geophysics, 107, pp. 36-44.
7. Lu, S.G., Chen, D.J., Wang, S.Y., Liu, Y.D. Rock magnetism investigation of highly magnetic soil developed on calcareous rock in Yun-Gui Plateau, China: Evidence for pedogenic magnetic minerals. (2012) Journal of Applied Geophysics, 77, pp. 39-50.

57. Henry, B., Naydenov, K., Dimov, D., Jordanova, D., *Jordanova, N*., 2012. Relations between the emplacement and fabric-forming conditions of the Kapitan-Dimitrievo pluton and the Maritsa shear zone (Central Bulgaria): magnetic and visible fabrics analysis. Int. J. Earth Sci. 101 (3), 747-759 *IF=2.3*

Цитира се в:

1. Cruz, C., Nogueira, P., Máximo, J., Noronha, F., Sant'ovaia, H. New insights from an emplacement model for the Santa Eulália Plutonic Complex (SW Iberian Peninsula). (2023) Journal of the Geological Society 180(4),jgs2022-131.
2. Krstekanić, N., Willingshofer, E., Broerse, T., (...), Toljić, M., Stojadinovic, U. Analogue modelling of strain partitioning along a curved strike-slip fault system during backarc-convex orocline formation: Implications for the Cerna-Timok fault system of the Carpatho-Balkanides. (2021) Journal of Structural Geology 149,104386.
3. Kounov, A., Gerdjikov, I. The problems of the post-Cenomanian tectonic evolution of the central parts of the Sredna Gora Zone. The wrench tectonics - How real is real? (2020) Geologica Balcanica 49(2), pp. 39-58
4. Schmid, S.M., Fügenschuh, B., Kounov, A., Maţenco, L., Nievergelt, P., Oberhänsli, R., Pleuger, J., Schefer, S., Schuster, R., Tomljenović, B., Ustaszewski, K., van Hinsbergen, D.J.J. Tectonic units of the Alpine collision zone between Eastern Alps and western Turkey. (2020) Gondwana Research, 78, pp. 308-374.
5. Mondal, T.K. Evolution of fabric in Chitradurga granite (south India) - A study based on microstructure, anisotropy of magnetic susceptibility (AMS) and vorticity analysis. (2018) Tectonophysics, 723, pp. 149-161.
6. Li, Y., Liang, W., Zhang, G., Ran, Y., Shen, Q., Wang, J., Jin, C. Granitoid emplacement during syn-convergent transtension: An example from the Huamenlou pluton in North Qinling, central China. (2018) Geoscience Frontiers, 9 (1), pp. 191-205.
7. Mondal, T.K., Mamtani, M.A. Fabric analysis in rocks of the Gadag region (southern India) - Implications for time relationship between regional deformation and gold mineralization. (2014) Tectonophysics, 629 (C), pp. 238-249.
8. Sen, K., Collins, A.S. Dextral transpression and late Eocene magmatism in the trans-Himalayan Ladakh Batholith (North India): Implications for tectono-magmatic evolution of the Indo-Eurasian collisional arc. (2013) International Journal of Earth Sciences, 102 (7), pp. 1895-1909.

58. Jordanova, D., *Jordanova N*., Lanos, Ph., Petrov P. Tsacheva Ts. 2012. Magnetism of outdoor and indoor settled dust and its utilization as a tool for revealing the effect of elevated particulate air pollution on cardiovascular mortality. Geochemistry,

Geophysics, Geosystems (AGU journals), 13 (8), article Q08Z49, doi:10.1029/2012GC004160. ***IF=3.5***

Цитира се в:

1. Bondar, K.M., Tsiupa, I.V., Sachko, A.V., Nasiedkin, I.I. Pre-war situation with soil pollution in the city of Zaporizhzhia: metallurgical industry center in Ukraine—characterized by magnetic, geochemical and microscopy methods. (2024) Acta Geophysica 72(2), pp. 1355-1375.
2. Ma, X., Xia, D., Zhang, G., (...), Zhang, Y., Yu, Q. Water-Soluble Ions and Heavy Metal Levels, Source Apportionment, and Health Risk of Indoor Dust in the Mogao Grottoes of Dunhuang, China. (2023) Indoor Air 2023,4818195.
3. Sánchez-Duque, A., Bautista, F., Cejudo, R., Cervantes-Solano, M., Goguitchaichvili, A. Magnetic particles as pollution indicators at the Aburrá valley (Colombia) | [Las partículas magnéticas como indicadoras de contaminación en el valle de Aburrá (Colombia)]. (2023) Boletin de la Sociedad Geologica Mexicana 75(1),A181122.
4. Stojanowska, A., Zeynalli, F., Wróbel, M., Rybak, J. The use of spider webs in the monitoring of air quality—A review. (2023) Integrated Environmental Assessment and Management 19(1), pp. 32-44.
5. Jeleńska, M., Werner, T., Kądziałko-Hofmokl, M., Karasiński, G. Evaluation of indoor/outdoor urban air pollution by magnetic parameters; preliminary study. (2022) Journal of Applied Geophysics 206,104804.
6. Mahdad, F., Bakhtiari, A.R., Moeinaddini, M., Charlesworth, S., Emrani, N. Concentration Levels, Spatial Distribution and Source Identification of PAHs, n-Alkanes, Hopanes and Steranes in Deposited Dust of Mashhad, Iran, and Potential Health Risk Assessment. (2022) Environmental Processes 9(3),40.
7. Chen, Y., Zhang, W., Dong, C., Hutchinson, S.M., Feng, H. Characteristics of iron-containing magnetic particles in household dust from an urban area: A case study in the megacity of Shanghai. (2022) Journal of Hazardous Materials 424,127212.
8. Cejudo, R., Bautista, F., Goguitchaichvili, A., Cervantes-Solano, M.A. Magnetic parameters and concentration of heavy metals in urban dust of Mexico City | [Parámetros magnéticos y concentración de metales pesados en polvo urbano de la Ciudad de México]. (2022) Boletin de la Sociedad Geologica Mexicana 74(1),A060821.
9. Jeong, H., Ra, K. Investigations of Metal Pollution in Road Dust of Steel Industrial Area and Application of Magnetic Separation. (2022) Sustainability (Switzerland) 14(2),919.
10. Ledari, D.G., Hamidi, M., Shao, Y. Numerical simulation of the 18 February 2017 frontal dust storm over southwest of Iran using WRF-Chem, satellite imagery, and PM10 concentrations. (2022) Journal of Arid Environments 196,104637.
11. Rahmatinia, T., Kermani, M., Farzadkia, M., (...), Rashidi, N., Fanaei, F. The effect of PM2.5-related hazards on biomarkers of bronchial epithelial cells (A549) inflammation in Karaj and Fardis cities . (2022) Environmental Science and Pollution Research 29(2), pp. 2172-2182.
12. Goudarzi, G., Hopke, P.K., Yazdani, M. Forecasting PM2.5 concentration using artificial neural network and its health effects in Ahvaz, Iran. (2021) Chemosphere 283,131285
13. Kelepertzis, E., Chrastný, V., Botsou, F., Sigala, E., Kypritidou, Z., Komárek, M., Skordas, K., Argyraki, A. Tracing the sources of bioaccessible metal(loid)s in urban environments: A multidisciplinary approach. (2021) Science of the Total Environment, 771, art. no. 144827, .
14. Maher, B.A., Gonet, T. Prolific shedding of magnetite nanoparticles from banknote surfaces. (2021) Science of the Total Environment, 768, art. no. 144490, .
15. Pang, Y., Huang, W., Luo, X.-S., Chen, Q., Zhao, Z., Tang, M., Hong, Y., Chen, J., Li, H. In-vitro human lung cell injuries induced by urban PM2.5 during a severe air pollution episode: Variations associated with particle components. (2020) Ecotoxicology and Environmental Safety, 206, art. no. 111406, .
16. Rutkowski, R., Bihałowicz, J.S., Rachwał, M., Rogula-Kozłowska, W., Rybak, J. Magnetic susceptibility of spider webs and dust: Preliminary study in Wrocław, Poland. (2020) Minerals, 10 (11), art. no. 1018, pp. 1-11.
17. Rachwał, M., Wawer, M., Jabłońska, M., Rogula-Kozłowska, W., Rogula-Kopiec, P. Geochemical and mineralogical characteristics of airborne particulate matter in relation to human health risk. (2020) Minerals, 10 (10), art. no. 866, pp. 1-19.
18. Botsou, F., Moutafis, I., Dalaina, S., Kelepertzis, E. Settled bus dust as a proxy of traffic-related emissions and health implications of exposures to potentially harmful elements. (2020) Atmospheric Pollution Research, 11 (10), pp. 1776-1784.
19. Szczepaniak-Wnuk, I., Górka-Kostrubiec, B., Dytłow, S., Szwarczewski, P., Kwapuliński, P., Karasiński, J. Assessment of heavy metal pollution in Vistula river (Poland) sediments by using magnetic methods. (2020) Environmental Science and Pollution Research, 27 (19), pp. 24129-24144.
20. Dytłow, S., Winkler, A., Górka-Kostrubiec, B., Sagnotti, L. Magnetic, geochemical and granulometric properties of street dust from Warsaw (Poland). (2019) Journal of Applied Geophysics, 169, pp. 58-73.

21. Motesaddi Zarandi, S., Shahsavani, A., Khodagholi, F., Fakhri, Y. Concentration, sources and human health risk of heavy metals and polycyclic aromatic hydrocarbons bound PM2.5 ambient air, Tehran, Iran. (2019) Environmental Geochemistry and Health, 41 (3), pp. 1473-1487.
22. Kanu, M.O., Meludu, O.C., Basavaiah, N., Oniku, A.S. Relationship between mineral magnetic properties and soil textural parameters. (2019) Acta Geophysica, 67 (2), pp. 517-532.
23. Gonet, T., Maher, B.A. Airborne, Vehicle-Derived Fe-Bearing Nanoparticles in the Urban Environment: A Review. (2019) Environmental Science and Technology, 53 (17), pp. 9970-9991.
24. Kelepertzis, E., Argyraki, A., Botsou, F., Aidona, E., Szabó, Á., Szabó, C. Tracking the occurrence of anthropogenic magnetic particles and potentially toxic elements (PTEs) in house dust using magnetic and geochemical analyses. (2019) Environmental Pollution, 245, pp. 909-920.
25. Rachwał, M., Rybak, J., Rogula-Kozłowska, W. Magnetic susceptibility of spider webs as a proxy of airborne metal pollution. (2018) Environmental Pollution, 234, pp. 543-551.
26. Ahmady-Birgani, H., McQueen, K.G., Mirnejad, H. Characteristics of mineral dust impacting the Persian Gulf. (2018) Aeolian Research, 30, pp. 11-19.
27. Gwizdała, M., Jeleńska, M., Łęczyński, L. Surface sediments pollution around small shipwrecks (Munin and Abille) in the Gulf of Gdańsk: Magnetic and heavy metals study. (2018) GeoPlanet: Earth and Planetary Sciences, 0 (9783319602127), pp. 37-50.
28. Kermani, M., Goudarzi, G., Shahsavani, A., Dowlati, M., Asl, F.B., Karimzadeh, S., Jokandan, S.F., Aghaei, M., Kakavandi, B., Rastegarimehr, B., Ghorbani-Kalkhajeh, S., Tabibi, R. Estimation of short-term mortality and morbidity attributed to fine particulate matter in the ambient air of eight Iranian cities. (2018) Annals of Global Health, 84 (3), pp. 408-418.
29. Jeleńska, M., Górka-Kostrubiec, B., Werner, T., Kądziałko-Hofmokl, M., Szczepaniak-Wnuk, I., Gonet, T., Szwarczewski, P. Evaluation of indoor/outdoor urban air pollution by magnetic, chemical and microscopic studies. (2017) Atmospheric Pollution Research, 8 (4), pp. 754-766.
30. Gwizdała, M., Jeleńska, M., Łęczyński, L. Magnetometry as a Tool to Estimate the Pollution of Marine Environment Around Small Shipwrecks (Gulf of Gdańsk) - Preliminary Results. (2016) Acta Geophysica, 64 (5), pp. 1691-1702.
31. Marzouni, M.B., Alizadeh, T., Banafsheh, M.R., Khorshiddoust, A.M., Ghozikali, M.G., Akbaripoor, S., Sharifi, R., Goudarzi, G. A comparison of health impacts assessment for PM10 during two successive years in the ambient air of Kermanshah, Iran. (2016) Atmospheric Pollution Research, 7 (5), pp. 768-774.
32. Anaya, M., Borrego, S.F., Gámez, E., Castro, M., Molina, A., Valdés, O. Viable fungi in the air of indoor environments of the National Archive of the Republic of Cuba. (2016) Aerobiologia, 32 (3), pp. 513-527.
33. Wu, M.-H., Han, T., Xu, G., Zang, C., Li, Y.-J., Sun, R., Xu, B.-T., Sun, Y., Chen, F.-F., Tang, L. Occurrence of Hexabromocyclododecane in soil and road dust from mixed-land-use areas of Shanghai, China, and its implications for human exposure. (2016) Science of the Total Environment, 559, pp. 282-290.
34. Szczepaniak-Wnuk, I., Górka-Kostrubiec, B. Magnetic particles in indoor dust as marker of pollution emitted by different outside sources. (2016) Studia Geophysica et Geodaetica, 60 (2), pp. 297-315.
35. Górka-Kostrubiec, B. The magnetic properties of indoor dust fractions as markers of air pollution inside buildings. (2015) Building and Environment, 90, pp. 186-195.
36. Wawer, M., Magiera, T., Ojha, G., Appel, E., Kusza, G., Hu, S., Basavaiah, N. Traffic-Related Pollutants in Roadside Soils of Different Countries in Europe and Asia. (2015) Water, Air, and Soil Pollution, 226 (7), art. no. 216, .
37. Eltouny, N., Ariya, P.A. Enhanced reactivity toward oxidation by water vapor: Interactions of toluene and NO2 on hydrated magnetite nanoparticles. (2014) Journal of Physical Chemistry C, 118 (41), pp. 23654-23663.
38. Eltouny, N., Ariya, P.A. Competing reactions of selected atmospheric gases on Fe3O4 nanoparticles surfaces. (2014) Physical Chemistry Chemical Physics, 16 (42), pp. 23056-23066.
39. Revuelta, M.A., McIntosh, G., Pey, J., Pérez, N., Querol, X., Alastuey, A. Partitioning of magnetic particles in PM10, PM2.5 and PM1 aerosols in the urban atmosphere of Barcelona (Spain). (2014) Environmental Pollution, 188, pp. 109-117.
40. Górka-Kostrubiec, B., Jeleńska, M., Król, E. Magnetic signature of indoor air pollution: Household dust study. (2014) Acta Geophysica, 62 (6), pp. 1478-1503.
41. Gorka-Kostrubiec, B., Krol, E., Teisseyre-Jelenska, M. Magnetometry as a tool to evaluate the environmental pollution [Magnetometria jako narzędzie do oceny zanieczyszczeń środowiska]. (2013) Prace i Studia Geograficzne, 51, pp. 17-28.

59. Petrov, P., Yankova, R., *Jordanova, N.*, Jordanova, D., Tsacheva, Ts. 2012. Magnetic particles and pollens in indoor and outdoor settled dust from several Bulgarian

cities – environmental implications. 12th Intern. Multidisciplinary Scientific GeoConference SGEM 2012. Conf. Proceedings Vol. II, 593-600. *SJR=0.151*

60. Petrov, P., *Jordanova, N*., Jordanova, D., 2012. Magnetism of road dust from six Bulgarian cities as a tool for environmental monitoring of urban pollution. 12th Intern. Multidisciplinary Scientific GeoConference SGEM 2012. Conf. Proceedings Vol. II, 601-608. *SJR=0.151*

61. Jordanova D., Goddu S.R., Kotsev T., *Jordanova N*., 2013. Industrial contamination of alluvial soils near Fe-Pb mining site revealed by magnetic and geochemical studies. Geoderma 192,237-248. *IF=6.1*

Цитира се в:

1. Zhang, Y.-S., Hu, X.-F., Wang, X.-D., Mei, L.-S., Jia, Y.-T. Magnetic enhancement of road dusts in Shanghai and its implications for the urban environment. (2024) Journal of Soils and Sediments Article in Press
2. de Deus Ferreira e Silva, J., Júnior, J.M., Vieira da Silva, L.F., (...), Fernandes, K., Ferracciú Alleoni, L.R. Magnetic signature and X-ray fluorescence for mapping trace elements in soils originating from basalt and sandstone. (2023) Chemosphere 341,140028.
3. Zulaikah, S., Juliansyah, A., Hasan, M.F.R., (...), Bijaksana, S., Hirt, A.M. Magnetic Susceptibility and Hydrogen Cyanide Levels as Proxy Indicator for Gold Mining Pollution in River Sediment. (2023) Pertanika Journal of Science and Technology 31(6), pp. 2689-2702.
4. Hikov, A., Vîjdea, A.-M., Peytcheva, I., (...), Cvetković, V., Sarić, K. Assessment of river sediment quality according to the EU water framework directive in large river fluvial conditions. A case study in the lower Danube river basin. (2023) Carpathian Journal of Earth and Environmental Sciences 18(1), pp. 195-211.
5. González-Valoys, A.C., Vargas-Lombardo, M., Jiménez-Ballesta, R., (...), García-Navarro, F.J., Higueras, P. Characterization of the soil and rock hosting an aquifer with possible uses for drinking water and irrigation in SE Panama City using Geotechnical, Geophysical and Geochemical parameters. (2022) Environmental Earth Sciences 81(10),283.
6. Beltrá, J.C., Gabarrón, M., Faz, Á., (...), Acosta, J.A., Martínez-Martínez, S. Nitrogen Assessment in Amended Mining Soils Sown with Coronilla juncea and Piptatherum miliaceum. (20220 Minerals 12(4),433.
7. Hu, X.-F., Li, M., He, Z.-C., (...), Wang, X.-D., Wang, Z.-H. Magnetic responses to heavy metal pollution of the industrial soils in Shanghai: Implying the influences of anthropogenic magnetic dustfall on urban environment. (2022) Journal of Applied Geophysics, 197,104544.
8. Azizi, K., Ayoubi, S., Nabiollahi, K., Garosi, Y., Gislum, R. Predicting heavy metal contents by applying machine learning approaches and environmental covariates in west of Iran. (2022) Journal of Geochemical Exploration 233,106921.
9. Martsev, A.A., Selivanov, O.G., Trifonova, T.A. Evaluation of the roadside soil of the P72 highway by the content of heavy metals and arsenic | [Оценка почвы придорожной территории автодороги Р72 по содержанию тяжёлых металлов и мышьяка]. (2022) Gigiena i Sanitariya 101(7), pp. 730-735.
10. Cejudo, R., Bautista, F., Goguitchaichvili, A., Cervantes-Solano, M.A. Magnetic parameters and concentration of heavy metals in urban dust of Mexico City | [Parámetros magnéticos y concentración de metales pesados en polvo urbano de la Ciudad de México]. (2022) Boletin de la Sociedad Geologica Mexicana 74(1),A060821
11. Glina, B., Kowalska, J.B., Łuczak, K., Mazurek, R., Spychalski, W., Mendyk. Potentially toxic elements in fen peatland soils located near lignite-fired power plants in Central Poland. (2021) Geoderma Regional, 25, art. no. e00370, .
12. Kierlik, P., Hanc-Kuczkowska, A., Rachwał, M., Męczyński, R., Matuła, I. Application of mössbauer spectroscopy for identification of iron-containing components in upper silesian topsoil being under industrial anthropopressure. (2020) Materials, 13 (22), art. no. 5206, pp. 1-10.
13. Lam, E.J., Carle, R., González, R., Montofré, Í.L., Veloso, E.A., Bernardo, A., Cánovas, M., Álvarez, F.A. A methodology based on magnetic susceptibility to characterize copper mine tailings. (2020) Minerals, 10 (11), art. no. 939, pp. 1-18.
14. Lee, S., Kim, S., Kim, H., Seo, Y., Ha, Y., Kim, H., Ha, R., Yu, Y. Tracing of traffic-related pollution using magnetic properties of topsoils in Daejeon, Korea. (2020) Environmental Earth Sciences, 79 (20), art. no. 485, .

15. Yang, P., Drohan, P.J., Yang, M. Patterns in soil contamination across an abandoned steel and iron plant: Proximity to source and seasonal wind direction as drivers. (2020) Catena, 190, art. no. 104537, .
16. Abbasi, S., Keshavarzi, B., Moore, F., Hopke, P.K., Kelly, F.J., Dominguez, A.O. Elemental and magnetic analyses, source identification, and oxidative potential of airborne, passive, and street dust particles in Asaluyeh County, Iran. (2020) Science of the Total Environment, 707, art. no. 136132, .
17. Simmler, M., Christl, I., Kretzschmar, R. Effect of extreme metal(loid) concentrations on prokaryotic community structure in floodplain soils contaminated with mine waste. (2019) Applied Soil Ecology, 144, pp. 182-195.
18. Magiera, T., Łukasik, A., Zawadzki, J., Rösler, W. Magnetic susceptibility as indicator of anthropogenic disturbances in forest topsoil: A review of magnetic studies carried out in Central European forests. (2019) Ecological Indicators, 106, art. no. 105518, .
19. Singh, J., Sangode, S.J., Sabale, P.D. Mineral magnetic characterization of archeological potsherds: An example from the Deccan Province, western Maharashtra, India. (2019) Current Science, 117 (2), pp. 251-259.
20. Ayoubi, S., Karami, M. Pedotransfer functions for predicting heavy metals in natural soils using magnetic measures and soil properties. (2019) Journal of Geochemical Exploration, 197, pp. 212-219.
21. Ayoubi, S., Adman, V., Yousefifard, M. Use of magnetic susceptibility to assess metals concentration in soils developed on a range of parent materials. (2019) Ecotoxicology and Environmental Safety, 168, pp. 138-145.
22. Pan, H., Lu, X., Lei, K., Shi, D., Ren, C., Yang, L., Wang, L. Using magnetic susceptibility to evaluate pollution status of the sediment for a typical reservoir in northwestern China. (2019) Environmental Science and Pollution Research, 26 (3), pp. 3019-3032.
23. Wang, B., Xia, D., Yu, Y., Chen, H., Jia, J. Source apportionment of soil-contamination in Baotou City (North China) based on a combined magnetic and geochemical approach. (2018) Science of the Total Environment, 642, pp. 95-104.
24. Kolawole, T.O., Olatunji, A.S., Jimoh, M.T., Fajemila, O.T. Heavy metal contamination and ecological risk assessment in soils and sediments of an industrial area in Southwestern Nigeria. (2018) Journal of Health and Pollution, 8 (19), art. no. 180906, .
25. Luo, J., Wu, J., Huo, S., Qi, S., Gu, X.S. A real scale phytoremediation of multi-metal contaminated e-waste recycling site with Eucalyptus globulus assisted by electrical fields. (2018) Chemosphere, 201, pp. 262-268.
26. Afdal, Wahyuni, E.S. Spatial distribution of topsoil magnetic susceptibility in Sawahlunto City, West Sumatera. (2018) Journal of Physics: Conference Series, 997 (1), art. no. 012015, .
27. Usman, M., Byrne, J.M., Chaudhary, A., Orsetti, S., Hanna, K., Ruby, C., Kappler, A., Haderlein, S.B. Magnetite and Green Rust: Synthesis, Properties, and Environmental Applications of Mixed-Valent Iron Minerals. (2018) Chemical Reviews, 118 (7), pp. 3251-3304.
28. Zhang, W., Dong, C., Hutchinson, S.M., Ge, C., Wang, F., Feng, H. Recent Applications of Mineral Magnetic Methods in Sediment Pollution Studies: a Review. (2018) Current Pollution Reports, 4 (1), .
29. Rachwał, M., Wawer, M., Magiera, T., Steinnes, E. Integration of soil magnetometry and geochemistry for assessment of human health risk from metallurgical slag dumps. (2017) Environmental Science and Pollution Research, 24 (34), pp. 26410-26423.
30. Costanzo-Álvarez, V., Devesa-Rey, R., Aldana, M., Barral, M.T., López-Rodríguez, D., Andrade, B. Magnetic properties of surface sediments as proxies of recent anthropogenic pollution in the Anllóns riverbed (NW Spain). (2017) Environmental Earth Sciences, 76 (13), art. no. 454, .
31. Bourliva, A., Papadopoulou, L., Aidona, E., Giouri, K. Magnetic signature, geochemistry, and oral bioaccessibility of "technogenic" metals in contaminated industrial soils from Sindos Industrial Area, Northern Greece. (2017) Environmental Science and Pollution Research, 24 (20), pp. 17041-17055.
32. Rachwał, M., Kardel, K., Magiera, T., Bens, O. Application of magnetic susceptibility in assessment of heavy metal contamination of Saxonian soil (Germany) caused by industrial dust deposition. (2017) Geoderma, 295, pp. 10-21.
33. Bourliva, A., Papadopoulou, L., Aidona, E., Giouri, K., Simeonidis, K., Vourlias, G. Characterization and geochemistry of technogenic magnetic particles (TMPs) in contaminated industrial soils: Assessing health risk via ingestion. (2017) Geoderma, 295, pp. 86-97.
34. Pueyo Anchuela, Ó., Frongia, P., Di Gregorio, F., Casas Sainz, A.M., Pocoví Juan, A. Magnetometry and ground-penetrating radar surveys applied to tracing potential collectors of mining-derived pollutants in coastal sediments (Piscinas Bay, Montevecchio mining area, SW Sardinia). (2017) Environmental Earth Sciences, 76 (5), art. no. 230, .
35. Menshov, O. Magnetic measurements of soil pollution in low urbanized environment. (2017) 16th International Conference Geoinformatics - Theoretical and Applied Aspects, .

36. Gerginov, P., Stoyanova, V., Varbanov, M., Kretzschmar, R., Benderev, A. Impact of the river level regime on the groundwater dynamics and physicochemical characteristics of the alluvial aquifer in the Ogosta valley. (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (12), pp. 429-438.
37. Rivas-Pérez, I.M., Conde-Cid, M., Nóvoa-Muñoz, J.C., Arias-Estévez, M., Fernández-Sanjurjo, M.J., Álvarez-Rodríguez, E., Núñez-Delgado, A. As(V)/Cr(VI) retention on un-amended and waste-amended soil samples: competitive experiments. (2017) Environmental Science and Pollution Research, 24 (1), pp. 1051-1059.
38. Quintáns-Fondo, A., Ferreira-Coelho, G., Paradelo-Núñez, R., Nóvoa-Muñoz, J.C., Arias-Estévez, M., Fernández-Sanjurjo, M.J., Álvarez-Rodríguez, E., Núñez-Delgado, A. As(V)/Cr(VI) pollution control in soils, hemp waste, and other by-products: competitive sorption trials. (2016) Environmental Science and Pollution Research, 23 (19), pp. 19182-19192.
39. Magiera, T., Mendakiewicz, M., Szuszkiewicz, M., Jabłońska, M., Chróst, L. Technogenic magnetic particles in soils as evidence of historical mining and smelting activity: A case of the Brynica River Valley, Poland. (2016) Science of the Total Environment, 566-567, pp. 536-551.
40. Yang, P., Byrne, J.M., Li, H., Shao, H.-B. Evaluation of semi-arid arable soil heavy metal pollution by magnetic susceptibility in the Linfen basin of China. (2016) Arid Land Research and Management, 30 (3), pp. 258-268.
41. Chudaničová, M., Hutchinson, S.M., Hradecký, J., Sedláček, J. Environmental magnetism as a dating proxy for recent overbank sediments of (peri-)industrial regions in the Czech Republic and UK. (2016) Catena, 142, pp. 21-35.
42. Lu, C., Wu, Y., Hu, S. Drying–wetting cycles facilitated mobilization and transport of metal-rich colloidal particles from exposed mine tailing into soil in a gold mining region along the Silk Road. (2016) Environmental Earth Sciences, 75 (12), art. no. 1031, .
43. Cao, M., Ye, Y., Chen, J., Lu, X. Remediation of arsenic contaminated soil by coupling oxalate washing with subsequent ZVI/Air treatment. (2016) Chemosphere, 144, pp. 1313-1318.
44. Abu Khatita, A.M., de Wall, H., Koch, R. Anthropogenic particle dispersions in topsoils of the Middle Nile Delta: a preliminary study on the contamination around industrial and commercial areas in Egypt. (2016) Environmental Earth Sciences, 75 (3), art. no. 264, pp. 1-19.
45. Hartemink, A.E. The definition of soil since the early 1800s. (2016) Advances in Agronomy, 137, pp. 73-126.
46. Wang, B., Xia, D., Yu, Y., Jia, J., Nie, Y., Wang, X. Detecting the sensitivity of magnetic response on different pollution sources - A case study from typical mining cities in northwestern China. (2015) Environmental Pollution, 207, pp. 288-298.
47. Rachwał, M., Magiera, T., Wawer, M. Coke industry and steel metallurgy as the source of soil contamination by technogenic magnetic particles, heavy metals and polycyclic aromatic hydrocarbons. (2015) Chemosphere, 138, art. no. 16430, pp. 863-873.
48. Amossé, J., Le Bayon, R.-C., Gobat, J.-M. Are urban soils similar to natural soils of river valleys? (2015) Journal of Soils and Sediments, 15 (8), pp. 1716-1724.
49. Adamo, P., Mingo, A., Coppola, I., Motti, R., Stinca, A., Agrelli, D. Plant colonization of brownfield soil and post-washing sludge: effect of organic amendment and environmental conditions. (2015) International Journal of Environmental Science and Technology, 12 (6), pp. 1811-1824.
50. Benderev, A., Gerginov, P., Antonov, D., van Meir, N., Kretzschmar, R. Conceptual hydrogeological model of the Ogosta River floodplain (Western Balkan, Bulgaria) and its application for predicting of groundwater contamination with Arsenic. (2015) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 2 (1), pp. 195-202.
51. Hossain, M.A., Ali, N.M., Islam, M.S., Hossain, H.M.Z. Spatial distribution and source apportionment of heavy metals in soils of Gebeng industrial city, Malaysia. (2015) Environmental Earth Sciences, 73 (1), pp. 115-126.
52. Ameen, N.N., Klueglein, N., Appel, E., Petrovský, E., Kappler, A., Leven, C. Effect of hydrocarbon-contaminated fluctuating groundwater on magnetic properties of shallow sediments. (2014) Studia Geophysica et Geodaetica, 58 (3), pp. 442-460.
53. Fernández-Calviño, D., Garrido-Rodríguez, B., Cutillas-Barreiro, L., Araújo-Nespereira, P., Arias-Estévez, M., Fernández-Sanjurjo, M.J., Álvarez-Rodríguez, E., Núñez-Delgado, A. Influence of mussel shell on As and Cr competitive and non-competitive sorption-desorption kinetics in a mine soil: Stirred flow chamber experiments. (2014) Geoderma, 232-234, pp. 300-308.
54. Wang, B., Xia, D.-S., Yu, Y., Jia, J., Xu, S.-J. Magnetic properties of urban soils from typical oasis cities and their environmental implications. (2014) Acta Geophysica Sinica, 57 (3), pp. 891-905.

55. Wang, B., Xia, D., Yu, Y., Jia, J., Xu, S. Detection and differentiation of pollution in urban surface soils using magnetic properties in arid and semi-arid regions of northwestern China. (2014) Environmental Pollution, 184, pp. 335-346.
56. Izquierdo, M., Tye, A.M., Chenery, S.R. Lability, solubility and speciation of Cd, Pb and Zn in alluvial soils of the River Trent catchment UK. (2013) Environmental Sciences: Processes and Impacts, 15 (10), pp. 1844-1858.

62. Jordanova, D. , *Jordanova, N.*, Werban, U., 2013. Environmental significance of magnetic properties of Gley soils near Rosslau (Germany). Env. Earth Sci., 69 (5), 1719-1732. *IF=2.8*

Цитира се в:

1. Derakhshan-Babaei, F., Nosrati, K., Fiener, P., Egli, M., Collins, A.L. Source fingerprinting sediment loss from sub-catchments and topographic zones using geochemical tracers and weathering indices. (2024) Journal of Hydrology 633,131019.
2. Rousse, S., Llubes, M., Ghorbel, M., (...), Joussein, E., Munoz, M. Multi-devices field magnetic susceptibility: '3D' spatialization of metallic contamination in soils and reverse correlation in carbonated context (Jebel Ressas, Tunisia). (2023) Environmental Earth Sciences 82(19),457.
3. Silva Júnior, J.F.D., Siqueira, D.S., Teixeira, D.D.B., (...), Marques Júnior, J., Pereira, G.T. Multivariate split moving windows and magnetic susceptibility for locating soil boundaries of São Paulo, Brazil. (2021) Geoderma Regional 26,e00418
4. Pentoś, K., Pieczarka, K., Serwata, K. The relationship between soil electrical parameters and compaction of sandy clay loam soil. (2021) Agriculture (Switzerland), 11 (2), art. no. 114, pp. 1-11.
5. Amrutha, K., Warrier, A.K., Sandeep, K., Jyothinath, A., Ananthapadmanabha, A.L., Shankar, R. Environmental Magnetic Properties of Lateritic Soils from Southwestern India. (2021) Eurasian Soil Science, 54 (2), pp. 238-248.
6. Yang, P., Byrne, J.M., Yang, M., Drohan, P.J. Soil magnetism and climatic variation across the Shanxi Loess Plateau, China. (2018) Arid Land Research and Management, 32 (4), pp. 367-378.
7. Menshov, O., Kruglov, O., Vyzhva, S., Nazarok, P., Pereira, P., Pastushenko, T. Magnetic methods in tracing soil erosion, Kharkov Region, Ukraine. (2018) Studia Geophysica et Geodaetica, 62 (4), pp. 681-696.
8. Pulley, S., Collins, A.L. Tracing catchment fine sediment sources using the new SIFT (SedIment Fingerprinting Tool) open source software. (2018) Science of the Total Environment, 635, pp. 838-858.
9. Pulley, S., Collins, A.L., Van der Waal, B. Variability in the mineral magnetic properties of soils and sediments within a single field in the Cape Fold mountains, South Africa: Implications for sediment source tracing. (2018) Catena, 163, pp. 172-183.
10. Faměra, M., Matys Grygar, T., Elznicová, J., Grison, H. Geochemical normalization of magnetic susceptibility for investigation of floodplain sediments. (2018) Environmental Earth Sciences, 77 (5), art. no. 189, .
11. Hartemink, A.E. The use of soil classification in journal papers between 1975 and 2014. (2015) Geoderma Regional, 5, art. no. 52, pp. 127-139.
12. Aydin, A., Akyol, E. Observing urban soil pollution using magnetic susceptibility. (2015) International Journal of Environmental Research, 9 (1), pp. 295-302.
13. Quijano, L., Chaparro, M.A.E., Marié, D.C., Gaspar, L., Navas, A. Relevant magnetic and soil parameters as potential indicators of soil conservation status of Mediterranean agroecosystems. (2014) Geophysical Journal International, 198 (3), pp. 1805-1817.

63. *Jordanova, N.* , Jordanova, D., Liu, Q., Hu, P., Petrov, P., Petrovský, E., 2013. Soil formation and mineralogy of a Rhodic Luvisol - insights from magnetic and geochemical studies. Global and Planetary Change,110, 397-413. *IF=3.9*

Цитира се в:

1. Styllas, M., Pennos, C., Persoiu, A., ...Ghilardi, M., Demory, F. Aeolian dust accretion outpaces erosion in the formation of Mediterranean alpine soils. New evidence from the periglacial zone of Mount Olympus, Greece. (2023) Earth Surface Processes and Landforms, 48(14), pp. 3003–3021.
2. da Silva, L.F.V., Silva, L.S., de Bortoli Teixeira, D., ...França, A.B.C., Júnior, J.M. Pedotransfer functions for adsorbed phosphorus evaluations using magnetic susceptibility for mapping purposes. (2023) Precision Agriculture, 24(5), pp. 2061–2080.

3. Zheng, J., Chen, T., Han, W., ...Yan, X., Yan, J. The Color Formation of "Lumu Stone" in the Weathering Processes: The Role of Secondary Hematite and Goethite. (2023) Minerals, 13(7), 860.
4. Neves, L.V.D.M.W., Sousa, J.E.S.D., Santos, J.C.B.D., ...Ferreira, T.O., Souza Júnior, V.S.D. Weathering of gneiss saprolites and formation of Planosols under semiarid climate (NE Brazil). (2023) Journal of South American Earth Sciences, 123, 104206
5. Ghafarpour, A., Khormali, F., Balsam, W., Forman, S.L., Cheng, L., Song, Y. The formation of iron oxides and magnetic enhancement mechanisms in northern Iranian loess-paleosol sequences: Evidence from diffuse reflectance spectrophotometry and temperature dependence of magnetic susceptibility. (2021) Quaternary International, 589, pp. 68-82.
6. Szuszkiewicz, M., Petrovský, E., Łukasik, A., Gruba, P., Grison, H., Szuszkiewicz, M.M. Technogenic contamination or geogenic enrichment in Regosols and Leptosols? Magnetic and geochemical imprints on topsoil horizons. (2021) Geoderma, 381, art. no. 114685, .
7. Chiellini, C., Cardelli, V., De Feudis, M., Corti, G., Cocco, S., Agnelli, A., Massaccesi, L., Alessi, G.D., Mengoni, A., Mocali, S. Exploring the links between bacterial communities and magnetic susceptibility in bulk soil and rhizosphere of beech (Fagus sylvatica L.). (2019) Applied Soil Ecology, 138, pp. 69-79.
8. Bautista, F., Bógalo, M.F., Navarro, A.S., Goguitchaichvili, A., Delgado Iniesta, M.J., Cejudo, R., Sanleandro, P.M., Gil, J.M., Díaz-Pereira, E. Magnetic and pedological characterisation of a paleosol under aridic conditions in Spain. (2018) Studia Geophysica et Geodaetica, 62 (1), pp. 139-166.
9. Li, Y., Bai, X., Tian, Y., Luo, G. Review and Future Research Directions about Major Monitoring Method of Soil Erosion. (2017) IOP Conference Series: Earth and Environmental Science, 63 (1), art. no. 012042.
10. Hošek, J., Pokorný, P., Prach, J., Lisá, L., Grygar, T.M., Knésl, I., Trubač, J. Late Glacial erosion and pedogenesis dynamics: Evidence from high-resolution lacustrine archives and paleosols in south Bohemia (Czech Republic). (2017) Catena, 150, pp. 261-278.
11. Ramos, P.V., Dalmolin, R.S.D., Marques Júnior, J., Siqueira, D.S., De Almeida, J.A., Moura-Bueno, J.M. Magnetic susceptibility of soil to differentiate soil environments in southern Brazil. (2017) Revista Brasileira de Ciencia do Solo, 41, art. no. e0160189, .
12. D'Amico, M.E., Catoni, M., Terribile, F., Zanini, E., Bonifacio, E. Contrasting environmental memories in relict soils on different parent rocks in the south-western Italian Alps. (2016) Quaternary International, 418, pp. 61-74.
13. Brunetti, G., Mezzapesa, G.N., Traversa, A., Bonifacio, E., Farrag, K., Senesi, N., D'Orazio, V. Characterization of Clay- and Silt-Sized Fractions and Corresponding Humic Acids Along a Terra Rossa Soil Profile. (2016) Clean - Soil, Air, Water, 44 (10), pp. 1375-1384.
14. Varga, G., Cserháti, C., Kovács, J., Szalai, Z. Saharan dust deposition in the Carpathian Basin and its possible effects on interglacial soil formation. (2016) Aeolian Research, 22, pp. 1-12.
15. Szuszkiewicz, M., Łukasik, A., Magiera, T., Mendakiewicz, M. Combination of geo- pedo- and technogenic magnetic and geochemical signals in soil profiles - Diversification and its interpretation: A new approach. (2016) Environmental Pollution, 214, pp. 464-477.
16. Srivastava, P., Shrivastava, J.P., Sangode, S.J., Srivastava, S. Weathering characteristics of interflow volcanic boles from Mandla lobe, Eastern Deccan volcanic province. (2016) Catena, 140, pp. 169-181.
17. Hošek, J., Hambach, U., Lisá, L., Grygar, T.M., Horáček, I., Meszner, S., Knésl, I. An integrated rock-magnetic and geochemical approach to loess/paleosol sequences from Bohemia and Moravia (Czech Republic): Implications for the Upper Pleistocene paleoenvironment in central Europe. (2015) Palaeogeography, Palaeoclimatology, Palaeoecology, 418, pp. 344-358.
18. Egli, R., Florindo, F., Roberts, A.P. Introduction to 'Magnetic iron minerals in sediments and their relation to geologic processes, climate, and the geomagnetic field'. (2013) Global and Planetary Change, 110, pp. 259-263.

64. Jordanova, D. , *Jordanova, N.*, Petrov, P., 2014. Magnetic susceptibility of road deposited sediments at a national scale - Relation to population size and urban pollution. Environmental Pollution 189, 239-251. *IF=8.9*

Цитира се в:

1. Zhang, R., Li, M., Wu, D., ...Wang, Z., Ou, Y. Vertical variation in magnetic particles within atmospheric PM in indoor dustfall in industrial cities of northern China. (2024) Atmospheric Pollution Research, 15(4), 102075.
2. Wang, B., Gu, C.-M., Chen, Q., ...Sun, X.-H., Jia, J. Magnetic characteristics of atmospheric particulate matter and its indication of atmospheric pollution during winter in Lanzhou, NW China. (2024) Atmospheric Environment, 319, 120277.

3. Zhang, Y.-S., Hu, X.-F., Wang, X.-D., Mei, L.-S., Jia, Y.-T. Magnetic enhancement of road dusts in Shanghai and its implications for the urban environment. (2024) Journal of Soils and Sediments, article in press
4. Bingöl, M.S., Çomakli, E., Özgül, M., Altun, M., Çomakli, T. The heavy metals content in leaves and branch of Hippophae rhamnoides L. and Pyrus elaeagnifolia Pall. in the highway side (European route E80) in Türkiye. (2023) Environmental Earth Sciences, 82(23), 581.
5. Ji, M., Ling, H., Liu, L., ...Yang, D., Liu, H. Comparison of magnetic susceptibility probes relevantly used in soil contamination applications. (2023) Environmental Monitoring and Assessment, 195(6), 677.
6. Konstantinova, E., Minkina, T., Konstantinov, A., ...Kurasova, A., Loiko, S. Pollution status and human health risk assessment of potentially toxic elements and polycyclic aromatic hydrocarbons in urban street dust of Tyumen city, Russia. Environmental Geochemistry and Health, 44(2), pp. 409–432.
7. Jeong, H., Ra, K. Investigations of Metal Pollution in Road Dust of Steel Industrial Area and Application of Magnetic Separation. (2022) Sustainability (Switzerland), 14(2), 919.
8. Bourliva, A., Aidona, E., Papadopoulou, L., Ferreira da Silva, E., Patinha, C. Levels, oral bioaccessibility and health risk of sand-bound potentially harmful elements (PHEs) in public playgrounds: Exploring magnetic properties as a pollution proxy. (2021) Environmental Pollution, 290, 118122.
9. Yang, D., Wu, J., Hong, H., ...Yan, C., Lu, H. Traffic-related magnetic pollution in urban dust from the Xiamen Island, China. (2021) Environmental Chemistry Letters, 19(6), pp. 3991–3997.
10. Wang, B., Zhang, X., Gu, C., ...Zhao, Y., Jia, J. Magnetism and grain-size distribution of particles deposited on the surface of urban trees in Lanzhou City, Northwestern China. (2021) International Journal of Environmental Research and Public Health, 18(22), 11964
11. Narayana, A.C., Ismaiel, M., Priju, C.P. An environmental magnetic record of heavy metal pollution in Vembanad lagoon, southwest coast of India. (2021) Marine Pollution Bulletin, 167, art. no. 112344, .
12. Leite, A.D.S., Léon, J.-F., Macouin, M., Rousse, S., da Trindade, R.I.F., Proietti, A., Drigo, L., Antonio, P.Y.J., Akpo, A.B., Yoboué, V., Liousse, C. Pm2.5 magnetic properties in relation to urban combustion sources in southern west Africa. (2021) Atmosphere, 12 (4), art. no. 496, .
13. Wang, B., Zhang, X., Zhao, Y., Zhang, M., Jia, J. Spatial and temporal distribution of pollution based on magnetic analysis of soil and atmospheric dustfall in Baiyin city, northwestern China. (2021) International Journal of Environmental Research and Public Health, 18 (4), art. no. 1681, pp. 1-17.
14. Lanzerstorfer, C. Toward more intercomparable road dust studies. (2021) Critical Reviews in Environmental Science and Technology, 51 (8), pp. 826-855.
15. Wawer, M., Magiera, T., Jabłońska, M., Kowalska, J., Rachwał, M. Geochemical characteristics of solid particles deposited on experimental plots established for traffic pollution monitoring in different countries. (2020) Chemosphere, 260, art. no. 127575, .
16. Rachwał, M., Wawer, M., Jabłońska, M., Rogula-Kozłowska, W., Rogula-Kopiec, P. Geochemical and mineralogical characteristics of airborne particulate matter in relation to human health risk. (2020) Minerals, 10 (10), art. no. 866, pp. 1-19.
17. Zhao, G., Zhang, R., Han, Y., Lü, B., Meng, Y., Wang, S., Wang, N. Identifying environmental pollution recorded in street dust using the magnetic method: a case study from central eastern China. (2020) Environmental Science and Pollution Research, 27 (28), pp. 34966-34977.
18. Botsou, F., Moutafis, I., Dalaina, S., Kelepertzis, E. Settled bus dust as a proxy of traffic-related emissions and health implications of exposures to potentially harmful elements. (2020) Atmospheric Pollution Research, 11 (10), pp. 1776-1784.
19. Herbelin, M., Bascou, J., Lavastre, V., Guillaume, D., Benbakkar, M., Peuble, S., Baron, J.-P. Steel slag characterisation—benefit of coupling chemical, mineralogical and magnetic techniques. (2020) Minerals, 10 (8), art. no. 705, pp. 1-19.
20. Menshov, O., Spassov, S., Camps, P., Vyzhva, S., Pereira, P., Pastushenko, T., Demidov, V. Soil and dust magnetism in semi-urban area Truskavets, Ukraine. (2020) Environmental Earth Sciences, 79 (8), art. no. 182, .
21. Ameen, N. Topsoil magnetic susceptibility and heavy metal contamination: A case study in Al-Muthanna province, Iraq. (2020) Iraqi Journal of Science, 61 (2), pp. 371-381.
22. Mihankhah, T., Saeedi, M., Karbassi, A. A comparative study of elemental pollution and health risk assessment in urban dust of different land-uses in Tehran's urban area. (2020) Chemosphere, 241, art. no. 124984, .
23. Qadeer, A., Saqib, Z.A., Ajmal, Z., Xing, C., Khan Khalil, S., Usman, M., Huang, Y., Bashir, S., Ahmad, Z., Ahmed, S., Thebo, K.H., Liu, M. Concentrations, pollution indices and health risk assessment of heavy metals in road dust from two urbanized cities of Pakistan: Comparing two sampling methods for heavy metals concentration. (2020) Sustainable Cities and Society, 53, art. no. 101959, .
24. Konstantinova, E., Minkina, T., Konstantinov, A., Sushkova, S., Antonenko, E., Kurasova, A., Loiko, S. Pollution status and human health risk assessment of potentially toxic elements and polycyclic aromatic

hydrocarbons in urban street dust of Tyumen city, Russia. (2020) Environmental Geochemistry and Health, .
25. Wang, G., Chen, J., Zhang, W., Ren, F., Chen, Y., Fang, A., Ma, L. Magnetic properties of street dust in Shanghai, China and its relationship to anthropogenic activities. (2019) Environmental Pollution, 255, art. no. 113214, .
26. Liu, Y.H., Wang, X.S., Guo, Y.H., Mao, Y.M., Li, H. Association of black carbon with heavy metals and magnetic properties in soils adjacent to a cement plant, Xuzhou (China). (2019) Journal of Applied Geophysics, 170, art. no. 103802, .
27. Chen, H., Wang, B., Xia, D.-S., Fan, Y.-J., Liu, H., Tang, Z.-R., Ma, S. The influence of roadside trees on the diffusion of road traffic pollutants and their magnetic characteristics in a typical semi-arid urban area of Northwest China. (2019) Environmental Pollution, 252, pp. 1170-1179.
28. Górka-Kostrubiec, B., Werner, T., Dytłow, S., Szczepaniak-Wnuk, I., Jeleńska, M., Hanc-Kuczkowska, A. Detection of metallic iron in urban dust by using high-temperature measurements supplemented with microscopic observations and Mössbauer spectra. (2019) Journal of Applied Geophysics, 166, pp. 89-102.
29. Dytłow, S., Górka-Kostrubiec, B. Effective and universal tool for evaluating heavy metals—passive dust samplers. (2019) Environmental Pollution, 247, pp. 188-194.
30. Kelepertzis, E., Argyraki, A., Botsou, F., Aidona, E., Szabó, Á., Szabó, C. Tracking the occurrence of anthropogenic magnetic particles and potentially toxic elements (PTEs) in house dust using magnetic and geochemical analyses. (2019) Environmental Pollution, 245, pp. 909-920.
31. Liu, H., Yan, Y., Chang, H., Chen, H., Liang, L., Liu, X., Qiang, X., Sun, Y. Magnetic signatures of natural and anthropogenic sources of urban dust aerosol. (2019) Atmospheric Chemistry and Physics, 19 (2), pp. 731-745.
32. Wu, Y., Lu, X. Physicochemical properties and toxic elements in bus stop dusts from Qingyang, NW China. (2018) Scientific Reports, 8 (1), art. no. 12568, .
33. Bourliva, A., Kantiranis, N., Papadopoulou, L., Aidona, E., Christophoridis, C., Kollias, P., Evgenakis, M., Fytianos, K. Seasonal and spatial variations of magnetic susceptibility and potentially toxic elements (PTEs) in road dusts of Thessaloniki city, Greece: A one-year monitoring period. (2018) Science of the Total Environment, 639, pp. 417-427.
34. Wang, L., Hu, S., Ma, M., Wang, X., Wang, Q., Zhang, Z., Shen, J. Responses of magnetic properties to heavy metal pollution recorded by lacustrine sediments from the Lugu Lake, Southwest China. (2018) Environmental Science and Pollution Research, 25 (26), pp. 26527-26538.
35. Niyogi, A., Pati, J.K., Patil, S.K., Panda, D., Chakarvorty, M. Magnetic measurements and geochemical characterization of the road-deposited sediments (RDS), Allahabad city, India: impact of climatic perturbations on sediment composition and provenance tracing. (2018) Journal of Soils and Sediments, 18 (7), pp. 2581-2595.
36. Men, C., Liu, R., Xu, F., Wang, Q., Guo, L., Shen, Z. Pollution characteristics, risk assessment, and source apportionment of heavy metals in road dust in Beijing, China. (2018) Science of the Total Environment, 612, pp. 138-147.
37. Rosowiecka, O., Nawrocki, J. Magnetometric assessment of soil contamination in the vicinity of selected roads in Poland. (2018) GeoPlanet: Earth and Planetary Sciences, (9783319602127), pp. 1-22.
38. Yang, M., Li, H.-M., Li, F.-Y., Wang, J.-H., Diao, Y.-W., Qian, X., Yang, Z.-P., Wang, C. Magnetic Response of Heavy Metal Pollution in Playground Dust of an Industrial Area. (2017) Huanjing Kexue/Environmental Science, 38 (12), pp. 5282-5291.
39. Jeleńska, M., Górka-Kostrubiec, B., Werner, T., Kądziałko-Hofmokl, M., Szczepaniak-Wnuk, I., Gonet, T., Szwarczewski, P. Evaluation of indoor/outdoor urban air pollution by magnetic, chemical and microscopic studies. (2017) Atmospheric Pollution Research, 8 (4), pp. 754-766.
40. Hofman, J., Maher, B.A., Muxworthy, A.R., Wuyts, K., Castanheiro, A., Samson, R. Biomagnetic Monitoring of Atmospheric Pollution: A Review of Magnetic Signatures from Biological Sensors. (2017) Environmental Science and Technology, 51 (12), pp. 6648-6664.
41. Guo, G.-S., Li, Y.-T. Comparative of magnetism parameters and heavy metals content of street dust pollution- in Wuhan. (2017) Zhongguo Huanjing Kexue/China Environmental Science, 37 (3), pp. 868-877.
42. Qiao, Q., Huang, B., Piper, J.D.A., Biggin, A.J., Zhang, C. The characteristics of environmental particulate matter in the urban area of Beijing, China, during the 2008 Olympic Games. (2017) Atmospheric Pollution Research, 8 (1), pp. 141-148.
43. Ma, M., Hu, S., Wang, L., Appel, E. The distribution process of traffic contamination on roadside surface and the influence of meteorological conditions revealed by magnetic monitoring. (2016) Environmental Monitoring and Assessment, 188 (11), art. no. 650, .
44. Aidona, E., Grison, H., Petrovsky, E., Kazakis, N., Papadopoulou, L., Voudouris, K. Magnetic characteristics and trace elements concentration in soils from Anthemountas River basin (North Greece):

discrimination of different sources of magnetic enhancement. (2016) Environmental Earth Sciences, 75 (20), art. no. 1375, .
45. Girault, F., Perrier, F., Poitou, C., Isambert, A., Théveniaut, H., Laperche, V., Clozel-Leloup, B., Douay, F. Effective radium concentration in topsoils contaminated by lead and zinc smelters. (2016) Science of the Total Environment, 566-567, pp. 865-876.
46. Gargiulo, J.D., Kumar, R.S., Chaparro, M.A.E., Chaparro, M.A.E., Natal, M., Rajkumar, P. Magnetic properties of air suspended particles in thirty eight cities from south India. (2016) Atmospheric Pollution Research, 7 (4), pp. 626-637.
47. Ojha, G., Appel, E., Wawer, M., Magiera, T., Hu, S. Toward a Cost-Efficient Method for Monitoring of Traffic-Derived Pollutants with Quartz Sand Boxes. (2016) Water, Air, and Soil Pollution, 227 (6), art. no. 173,
48. Bourliva, A., Papadopoulou, L., Aidona, E. Study of road dust magnetic phases as the main carrier of potentially harmful trace elements. (2016) Science of the Total Environment, 553, pp. 380-391.
49. Abu Khatita, A.M., de Wall, H., Koch, R. Anthropogenic particle dispersions in topsoils of the Middle Nile Delta: a preliminary study on the contamination around industrial and commercial areas in Egypt. (2016) Environmental Earth Sciences, 75 (3), art. no. 264, pp. 1-19.
50. Wang, B., Xia, D., Yu, Y., Jia, J., Nie, Y., Wang, X. Detecting the sensitivity of magnetic response on different pollution sources - A case study from typical mining cities in northwestern China. (2015) Environmental Pollution, 207, pp. 288-298.
51. Cao, L., Appel, E., Hu, S., Yin, G., Lin, H., Rösler, W. Magnetic response to air pollution recorded by soil and dust-loaded leaves in a changing industrial environment. (2015) Atmospheric Environment, 119, pp. 304-313.
52. Peikertova, P., Filip, P. Influence of the Automotive Brake Wear Debris on the Environment - A Review of Recent Research. (2015) SAE International Journal of Materials and Manufacturing, 9 (1), pp. 133-146.
53. Ojha, G., Appel, E., Wawer, M., Magiera, T. Monitoring-based discrimination of pathways of traffic-derived pollutants. (2015) Studia Geophysica et Geodaetica, 59 (4), pp. 594-613.
54. Wawer, M., Magiera, T., Ojha, G., Appel, E., Kusza, G., Hu, S., Basavaiah, N. Traffic-Related Pollutants in Roadside Soils of Different Countries in Europe and Asia. (2015) Water, Air, and Soil Pollution, 226 (7), art. no. 216, .

65. Jordanova D., *Jordanova N.*, Petrov P., 2014. Pattern of cumulative soil erosion and redistribution pinpointed through magnetic signature of Chernozem soils. Catena, 120, 46-56. *IF=6.2*

Цитира се в:

1. Shi, H., Liu, G., An, X., ...Wu, B., Wang, X. Tracing soil erosion with Fe3O4 magnetic powder: Principle and application. (2024) International Soil and Water Conservation Research, 12(2), pp. 419–431.
2. Li, C., Duan, L., Li, Z., Xu, X., Wang, K. Tillage practice greatly influence the temporal variation in magnetic susceptibility in karst depression over the past 60 years. (2024) Geoderma, 442, 116797.
3. Li, C., Liu, L., Huang, M., Shi, Y. Feasibility Assessment of a Magnetic Layer Detection Method for Field Applications. (2023) Sustainability (Switzerland), 15(19), 14263.
4. Zhang, M., Zhang, W., Zhang, K., Yu, Y., Liu, L. Centennial scale temporal responses of soil magnetic susceptibility and spatial variation to human cultivation on hillslopes in Northeast China. (2023) Soil and Tillage Research, 234, 105865.
5. Ouallali, A., Bouhsane, N., Bouhlassa, S., ...Ayoubi, S., Aassoumi, H. Rapid magnetic susceptibility measurement as a tracer to assess the erosion–deposition process using tillage homogenization and simple proportional models: A case study in northern of Morocco. (2023) International Journal of Sediment Research, 38(5), pp. 739–753.
6. Bouhlassa, S., Bouhsane, N. Assessment of the impacts of land-use change and slope position on soil loss by magnetic susceptibility-based models. (2023) International Journal of Sediment Research, 38(3), pp. 455–468.
7. Garré, S., Blanchy, G., Caterina, D., ...Romero-Ruiz, A., Simon, N. Geophysical methods for soil applications. (2023) Encyclopedia of Soils in the Environment, Second Edition, pp. V5-444–V5-458.

8. Hareesh, S.B. The latest applications of remote sensing technologies for soil management in precision agriculture practices. (2023). Remote Sensing in Precision Agriculture: Transforming Scientific Advancement into Innovation, pp. 105–135.
9. Yu, Y., Zhang, K., Liu, L., Zhang, W. Advance in studies on soil erosion using magnetic susceptibility technique. (2022) Science of Soil and Water Conservation, 20(3), pp. 135–141.
10. Zhou, Y., Zhang, Z., Rao, J., Chen, B. Predicting and mapping soil magnetic susceptibility in an agro-pastoral transitional zone: Influencing factors and implications. (2022) Soil and Tillage Research, 219, 105352.
11. Pavlů, L., Kodešová, R., Vašát, R., ...Nikodem, A., Kapička, A. Estimation of the stability of topsoil aggregates in areas affected by water erosion using selected soil and terrain properties. (2022) Soil and Tillage Research, 219, 105348.
12. Brito, W.B.M., Campos, M.C.C., de Souza, F.G., ...de Oliveira, F.P., de Oliveira, I.A. Spatial patterns of magnetic susceptibility optimized by anisotropic correction in different Alisols in southern Amazonas, Brazil. (2022) Precision Agriculture, 23(2), pp. 419–449.
13. Rasooli, N., Farpoor, M.H., Mahmoodabadi, M., Esfandiarpour Boroujeni, I. Pedoenvironmental variations assessment using magnetic susceptibility in Lut Watershed, Central Iran. (2022) Journal of Applied Geophysics, 198, 104582.
14. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. Canadian Journal of Soil Science, 102(2), pp. 231–251
15. Zubieta, E., Larrasoaña, J.C., Aldaz, A., Casalí, J., Giménez, R. Assessment of magnetite as a magnetic tracer for sediments in the study of ephemeral gully erosion: Conditioning factors of magnetic susceptibility. (2021) Earth Surface Processes and Landforms, 46 (6), pp. 1103-1110.
16. Cao, Z., Zhang, K., He, J., Yang, Z., Zhou, Z. Linking rocky desertification to soil erosion by investigating changes in soil magnetic susceptibility profiles on karst slopes. (2021) Geoderma, 389, art. no. 114949,
17. Cheng, Q., Wang, S., Peng, T., Cao, L., Zhang, X., Buckerfield, S.J., Zhang, Y., Collins, A.L. Sediment sources, soil loss rates and sediment yields in a Karst plateau catchment in Southwest China. (2020) Agriculture, Ecosystems and Environment, 304, art. no. 107114, .
18. Bouhlassa, S., Bouhsane, N. Estimation of soil losses by the improved tillage homogenization model and rusle model. (2020) International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 43 (B3), pp. 961-967.
19. César de Mello, D., Demattê, J.A.M., Silvero, N.E.Q., Di Raimo, L.A.D.L., Poppiel, R.R., Mello, F.A.O., Souza, A.B., Safanelli, J.L., Resende, M.E.B., Rizzo, R. Soil magnetic susceptibility and its relationship with naturally occurring processes and soil attributes in pedosphere, in a tropical environment. (2020) Geoderma, 372, art. no. 114364, .
20. Ding, Z., Zhang, Z., Li, Y., Zhang, L., Zhang, K. Characteristics of magnetic susceptibility on cropland and pastureland slopes in an area influenced by both wind and water erosion and implications for soil redistribution patterns. (2020) Soil and Tillage Research, 199, art. no. 104568, .
21. Bouhlassa, S., Bouhsane, N. Assessment of areal water and tillage erosion using magnetic susceptibility: the approach and its application in Moroccan watershed. (2019) Environmental Science and Pollution Research, 26 (25), pp. 25452-25466.
22. Yue, Y., Keli, Z., Liang, L., Qianhong, M., Jianyong, L. Estimating long-term erosion and sedimentation rate on farmland using magnetic susceptibility in northeast China. (2019) Soil and Tillage Research, 187, pp. 41-49.
23. Barbosa, R.S., Marques Júnior, J., Barrón, V., Martins Filho, M.V., Siqueira, D.S., Peluco, R.G., Camargo, L.A., Silva, L.S. Prediction and mapping of erodibility factors (USLE and WEPP) by magnetic susceptibility in basalt-derived soils in northeastern São Paulo state, Brazil. (2019) Environmental Earth Sciences, 78 (1), art. no. 12, .
24. Menshov, O., Kruglov, O., Vyzhva, S., Nazarok, P., Pereira, P., Pastushenko, T. Magnetic methods in tracing soil erosion, Kharkov Region, Ukraine. (2018) Studia Geophysica et Geodaetica, 62 (4), pp. 681-696.
25. La Manna, L., Gaspar, L., Rostagno, C.M., Quijano, L., Navas, A. Soil changes associated with land use in volcanic soils of Patagonia developed on dynamic landscapes. (2018) Catena, 166, pp. 229-239.
26. Petrovský, E., Remeš, J., Kapička, A., Podrázský, V., Grison, H., Borůvka, L. Magnetic mapping of distribution of wood ash used for fertilization of forest soil. (2018) Science of the Total Environment, 626, pp. 228-234.
27. Liu, L., Zhang, Z., Zhang, K., Liu, H., Fu, S. Magnetic susceptibility characteristics of surface soils in the Xilingele grassland and their implication for soil redistribution in wind-dominated landscapes: A preliminary study. (2018) Catena, 163, pp. 33-41.
28. Yu, Y., Zhang, K., Liu, L. Evaluation of the influence of cultivation period on soil redistribution in northeastern China using magnetic susceptibility. (2017) Soil and Tillage Research, 174, pp. 14-23.

29. Qiao, P., Lei, M., Guo, G., Yang, J., Zhou, X., Chen, T. Quantitative analysis of the factors influencing soil heavy metal lateral migration in rainfalls based on geographical detector software: A case study in Huanjiang County, China. (2017) Sustainability (Switzerland), 9 (7), art. no. 1227, .
30. Kruglov, O., Menshov, O. To the soil magnetic susceptibility application in modern soil science. (2017) 16th International Conference Geoinformatics - Theoretical and Applied Aspects, .
31. Liu, L., Zhang, K., Zhang, Z. An improved core sampling technique for soil magnetic susceptibility determination. (2016) Geoderma, 277, pp. 35-40.
32. Jakšík, O., Kodešová, R., Kapička, A., Klement, A., Fér, M., Nikodem, A. Using magnetic susceptibility mapping for assessing soil degradation due to water erosion. (2016) Soil and Water Research, 11 (2), pp. 105-113.
33. Godinho Silva, S.H., Poggere, G.C., de Menezes, M.D., Carvalho, G.S., Guilherme, L.R.G., Curi, N. Proximal sensing and digital terrain models applied to digital soil mapping and modeling of Brazilian Latosols (Oxisols). (2016) Remote Sensing, 8 (8), art. no. 614, .
34. Liu, L., Zhang, K., Zhang, Z., Qiu, Q. Identifying soil redistribution patterns by magnetic susceptibility on the black soil farmland in Northeast China. (2015) Catena, 129, pp. 103-111.
35. Jakšík, O., Kodešová, R., Kubiš, A., Stehlíková, I., Drábek, O., Kapička, A. Soil aggregate stability within morphologically diverse areas. (2015) Catena, 127, pp. 287-299.

66. Georgiev N., Henry B., *Jordanova N.*, Jordanova D., Naydenov K., 2014. Emplacement and fabric-forming conditions of plutons from structural and magnetic fabric analysis: A case study of the Plana pluton (Central Bulgaria). Tectonophysics, 629, 138–154. *IF=2.9*

Цитира се в:

1. Outaaoui, O., Errami, E., El Kabouri, J., ...Diot, H., Ennih, N. Mafic microgranular enclaves and magmatic fabrics in the Ediacaran granitoids of Saghro, Eastern Anti-Atlas: Insights into magma emplacement and tectonic evolution. (2024) Journal of African Earth Sciences, 215, 105288.
2. Radulov, A., Rockwell, T.K., Yaneva, M., ...Kiselinov, H., Nikolov, N. Variable slip mode in the past 3300 years on the fault ruptured in the 2012 M 5.6 Pernik slow earthquake in Bulgaria. (2024) Natural Hazards, 120(6), pp. 5309–5331.
3. Kilias, A. The Alpine Geological History of the Hellenides from the Triassic to the Present—Compression vs. Extension, a Dynamic Pair for Orogen Structural Configuration: A Synthesis. (2024) Geosciences (Switzerland), 14(1), 10.
4. Koptev, E.V., Kazansky, A.Y., Tevelev, A.V., ...Borisenko, A.A., Volodina, E.A. The Emplacement Mechanism of the Early Carboniferous Nepluyevka Batholith According to Petromagnetic Data (The Southern Urals). (2023)
5. Moscow University Geology Bulletin, 78(2), pp. 214–224.
6. Gain, D., Chatterjee, S., Mondal, S. Rock magnetism and AMS studies in Kondapalle-Pangidi layered complex, Eastern Ghats Belt, India: Remanence carriers and tectonic implications. (2022) Physics of the Earth and Planetary Interiors, 329-330, 106910.
7. Kounov, A., Gerdjikov, I. The problems of the post-Cenomanian tectonic evolution of the central parts of the Sredna Gora Zone. The wrench tectonics - How real is real? (2022) Geologica Balcanica, 49(2), pp. 39–58
8. Fodor, L.I., Márton, E., Vrabec, M., Koroknai, B., Trajanova, M., Vrabec, M. Relationship between magnetic fabrics and deformation of the Miocene Pohorje intrusions and surrounding sediments (Eastern Alps). (2020) International Journal of Earth Sciences, 109 (4), pp. 1377-1401.
9. Schmid, S.M., Fügenschuh, B., Kounov, A., Maţenco, L., Nievergelt, P., Oberhänsli, R., Pleuger, J., Schefer, S., Schuster, R., Tomljenović, B., Ustaszewski, K., van Hinsbergen, D.J.J. Tectonic units of the Alpine collision zone between Eastern Alps and western Turkey. (2020) Gondwana Research, 78, pp. 308-374.
10. Machek, M., Závada, P., Roxerová, Z., Petrovský, E., Špičák, A., Kusbach, V. Crystal Mush Flow in Small Concentrically Expanded Pluton (Castle Crags Pluton; Klamath Mountains, CA, USA). (2019) Geochemistry, Geophysics, Geosystems, 20 (4), pp. 1954-1974.
11. Gallhofer, D., Quadt, A.V., Peytcheva, I., Schmid, S.M., Heinrich, C.A. Tectonic, magmatic, and metallogenic evolution of the Late Cretaceous arc in the Carpathian-Balkan orogen. (2015) Tectonics, 34 (9), pp. 1813-1836.

67. Kovacheva M., Kostadinova-Avramova M., *Jordanova N.* , Lanos Ph., Boyadzhiev Y., 2014. Extended and revised archaeomagnetic database and secular variation curves from Bulgaria for the last eight millennia. Physics of the Earth and Planetary Interiors, 236, 79–94. *IF=2.3*

Цитира се в:

1. Hassul, E., Shaar, R., Vaknin, Y., ... Sandhaus, D., Lipschits, O. Geomagnetic Field Intensity During the First Millennium BCE From Royal Judean Storage Jars: Constraining the Duration of the Levantine Iron Age Anomaly. (2024) Geochemistry, Geophysics, Geosystems, 25(5), e2023GC011263.
2. Rivera, P., Pavón-Carrasco, F.J., Osete, M.L. Modeling geomagnetic spikes: the Levantine Iron Age anomaly. (2023) Earth, Planets and Space, 75(1), 133.
3. Turner, G.M., Corkill, R.M. NZPSV11k.2023 and NZPSV1k.2023: Holocene palaeomagnetic secular variation master records for New Zealand. (2023) Physics of the Earth and Planetary Interiors, 344, 107093.
4. Nawrocki, J., Standzikowski, K., Chadima, M., ...Gancarski, J., Gil, Z.. Archaeomagnetic studies of bricks from ancient buildings sampled in SE Poland (Central Europe). (2023) Journal of Archaeological Science: Reports, 51, 104122.
5. Goguitchaichvili, A., Morales, J., García-Ruiz, R., ...Cervantes, M., Reina, C. Possible evidence for geomagnetic intensity anomaly around 5500 BP from archaeomagnetic analyses of San Jacinto pottery, Caribbean Colombia. (2023) Physics of the Earth and Planetary Interiors, 341, 107061.
6. Batt, C. Archaeomagnetic Dating (Book chapter). (2023) Handbook of Archaeological Sciences, Volume 1, Second Edition, pp. 99–117.
7. Howland, M.D., Tauxe, L., Gordin, S., ... Cych, B., Ben-Yosef, E. Exploring geomagnetic variations in ancient Mesopotamia: Archaeomagnetic study of inscribed bricks from the 3rd-1st millennia BCE. (20230 Proceedings of the National Academy of Sciences of the United States of America, 120(52), e2313361120.
8. Nawrocki, J., Rosowiecka, O., Wójcik, K., ... Wasik, B., Wiewióra, M. Reconnaissance archaeomagnetic study of ancient bricks from Northern Poland (2023) Acta Geophysica, article in press
9. Aidona, E., Kondopoulou, D., Kyriakidou, E.-G., ... Polymeris, G.S., Orgeolet, R. Geomagnetic field intensity variations during the second millennium BCE: new data from the greek middle and late bronze age. (2023) Physics of the Earth and Planetary Interiors, 334, 106958.
10. Shaar, R., Gallet, Y., Vaknin, Y., ... Adams, M.J., Finkelstein, I. Archaeomagnetism in the Levant and Mesopotamia Reveals the Largest Changes in the Geomagnetic Field. (2023) Journal of Geophysical Research: Solid Earth, 127(12), e2022JB024962.
11. Gaffney, V., Fitch, S. Europe's lost frontiers: Volume 1 Context and methodology. (2022) Europe's Lost Frontiers: Volume 1 Context and Methodology, pp. 1–250.
12. Liu, J., Nowaczyk, N.R., Jiang, X., ...Liu, Q., Arz, H.W. Holocene Paleosecular Variations Recorded by Relict Magnetic Minerals in the Anoxic Black Sea Sediments. (2022) Journal of Geophysical Research: Solid Earth, 127(5), e2022JB024179.
13. Moldovan, O.T., Miko, L., Panaiotu, C., ...Robu, M., Constantin, S. Small Human Population Drastic Impact, as Inferred From Multi-Proxies of a Temporary Carpathian Lake. (2022) Frontiers in Earth Science , 10, 856685.
14. Nachasova, I.E., Pilipenko, O.V., Tsetlin, Y.B. Geomagnetic Field Record in Ceramics of the Central East European Plain in III–II Millennia B.C. (2022) Izvestiya, Physics of the Solid Earth , 58(2), pp. 203–215.
15. Di Chiara, A., Pavón-Carrasco, F.J. A first regional model of the past Earth's magnetic field from Africa for the last 4000 years. (2022) Physics of the Earth and Planetary Interiors., 325, 106855.
16. Tchibinda Madingou, B., Perrin, M., Hervé, G., ... Alva-Valdivia, L.M., Cruz Antillón, R. First Full Vector Archeomagnetic Data From Northern Mexico. (2021) Geochemistry, Geophysics, Geosystems, 22(10), e2021GC009969.
17. Brown, M.C., Hervé, G., Korte, M., Genevey, A. Global archaeomagnetic data: The state of the art and future challenges. (2021) Physics of the Earth and Planetary Interiors, 318, 106766.
18. Rivero-Montero, M., Gómez-Paccard, M., Pavón-Carrasco, F.J., ...Mas-Florit, C., Ramon-Torres, J. Refining geomagnetic field intensity changes in Europe between 200 CE and 1800 CE. New data from the Mediterranean region. (2021) Physics of the Earth and Planetary Interiors, 317, 106749.
19. Gallet, Y., Fournier, A., Livermore, P.W. Tracing the geomagnetic field intensity variations in Upper Mesopotamia during the Pottery Neolithic to improve ceramic-based chronologies. (2021) Journal of Archaeological Science. , 132, 105430
20. Aidona, E., Spassov, S., Kondopoulou, D., Polymeris, G.S., Raptis, K., Tsanana, A. Archaeomagnetism and Luminescence on Medieval kilns in Thessaloniki and Chalkidiki (N. Greece): Implications for

geomagnetic field variations during the last two millennia. (2021) Physics of the Earth and Planetary Interiors, 316, art. no. 106709.
21. Alva-Valdivia, L.M., Rodríguez-Trejo, A., Cruz-Antillón, R., Hervé, G., Perrin, M., Salgado-Saito, M.M., Mahgoub, A.N. Archaeomagnetic dating and magnetic characterization of ceramics from the Paquimé, Casas Grandes region, Chihuahua, Mexico. (2021) Journal of Archaeological Science: Reports, 37, art. no. 103040, .
22. Pavón-Carrasco, F.J., Campuzano, S.A., Rivero-Montero, M., Molina-Cardín, A., Gómez-Paccard, M., Osete, M.L. SCHA.DIF.4k: 4,000 Years of Paleomagnetic Reconstruction for Europe and Its Application for Dating. (2021) Journal of Geophysical Research: Solid Earth, 126 (3), art. no. e2020JB021237, .
23. Tema, E., Hedley, I., Pavón-Carrasco, F.J., Ferrara, E., Gaber, P., Pilides, D., Toumazou, M., Violaris, Y., Webb, J., Frankel, D. The directional occurrence of the Levantine geomagnetic field anomaly: New data from Cyprus and abrupt directional changes. (2021) Earth and Planetary Science Letters, 557, art. no. 116731, .
24. Rivero-Montero, M., Gómez-Paccard, M., Kondopoulou, D., Tema, E., Pavón-Carrasco, F.J., Aidona, E., Campuzano, S.A., Molina-Cardín, A., Osete, M.L., Palencia-Ortas, A., Martín-Hernández, F., Rubat-Borel, F., Venturino, M. Geomagnetic field intensity changes in the Central Mediterranean between 1500 BCE and 150 CE: Implications for the Levantine Iron Age Anomaly evolution. (2021) Earth and Planetary Science Letters, 557, art. no. 116732, .
25. García, R., Pérez-Rodríguez, N., Goguitchaichvili, A., Rodríguez Ceja, M., Morales, J., Soler, A.M., Urrutia-Fucugauchi, J. On the absolute geomagnetic intensity fluctuations in Mexico over the last three millennia. (2021) Journal of South American Earth Sciences, 106, art. no. 102927, .
26. Troyano, M., Fournier, A., Gallet, Y., Finlay, C.C. Imprint of magnetic flux expulsion at the core–mantle boundary on geomagnetic field intensity variations. (2021) Geophysical Journal International, 221 (3), pp. 1984-2009.
27. Troyano, M., Gallet, Y., Genevey, A., Pavlov, V., Fournier, A., Lagroix, F., Niyazova, M., Mirzaakhmedov, D. Analyzing the geomagnetic axial dipole field moment over the historical period from new archeointensity results at Bukhara (Uzbekistan, Central Asia). (2021) Physics of the Earth and Planetary Interiors, 310, art. no. 106633, .
28. Schnepp, E., Thallner, D., Arneitz, P., Leonhardt, R. New archeomagnetic secular variation data from Central Europe, II: Intensities. (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106605, .
29. García-Redondo, N., Calvo-Rathert, M., Carrancho, A., Bustamante-Álvarez, M. New high precision full-vector archaeomagnetic data from a roman kiln in Mérida (Spain). (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106591, .
30. Kapper, L., Serneels, V., Panovska, S., Ruíz, R.G., Hellio, G., Groot, L., Goguitchaichvili, A., Morales, J., Ruíz, R.C. Novel insights on the geomagnetic field in West Africa from a new intensity reference curve (0-2000 AD). (2020) Scientific Reports, 10 (1), art. no. 1121, .
31. Cai, S., Tauxe, L., Wang, W., Deng, C., Pan, Y., Yang, L., Qin, H. High-Fidelity Archeointensity Results for the Late Neolithic Period From Central China. (2020) Geophysical Research Letters, 47 (10), art. no. e2020GL087625, .
32. Osete, M.L., Molina-Cardín, A., Campuzano, S.A., Aguilella-Arzo, G., Barrachina-Ibañez, A., Falomir-Granell, F., Oliver Foix, A., Gómez-Paccard, M., Martín-Hernández, F., Palencia-Ortas, A., Pavón-Carrasco, F.J., Rivero-Montero, M. Two archaeomagnetic intensity maxima and rapid directional variation rates during the Early Iron Age observed at Iberian coordinates. Implications on the evolution of the Levantine Iron Age Anomaly. (2020) Earth and Planetary Science Letters, 533, art. no. 116047, .
33. Ertepinar, P., Hammond, M.L., Hill, M.J., Biggin, A.J., Langereis, C.G., Herries, A.I.R., Yener, K.A., Akar, M., Gates, M.-H., Harrison, T., Greaves, A.M., Frankel, D., Webb, J.M., Özgen, İ., Yazicioglu, G.B. Extreme geomagnetic field variability indicated by Eastern Mediterranean full-vector archaeomagnetic records. (2020) Earth and Planetary Science Letters, 531, art. no. 115979, .
34. Genevey, A., Principe, C., Gallet, Y., Clemente, G., Goff, M.L., Pallecchi, P. Refining the high-fidelity archaeointensity curve for western europe over the past millennium: Analysis of tuscan architectural bricks (Italy). (2020) Geological Society Special Publication, 497 (1), pp. 73-88.
35. Deenadayalan, K., Gawali, P.B., Lakshmi, B.V., Rai, M. Rock-magnetic and archaeomagnetic investigations on archaeological artefacts from Maharashtra, India. (2020) Geological Society Special Publication, 497 (1), pp. 9-26.
36. Turner, G.M., Kinger, R., McFadgen, B., Gevers, M. The first archaeointensity records from New Zealand: Evidence for a fifteenth century AD archaeomagnetic 'spike' in the SW pacific region? (2020) Geological Society Special Publication, 497 (1), pp. 47-72.
37. Hervé, G., Perrin, M., Alva-Valdivia, L.M., Rodríguez-Trejo, A., Hernández-Cardona, A., Córdova Tello, M., Meza Rodriguez, C. Secular Variation of the Intensity of the Geomagnetic Field in Mexico During the First Millennium BCE. (2019) Geochemistry, Geophysics, Geosystems, 20 (12), pp. 6066-6077.

38. Gómez-Paccard, M., Rivero-Montero, M., Chauvin, A., García i Rubert, D., Palencia-Ortas, A. Revisiting the chronology of the Early Iron Age in the north-eastern Iberian Peninsula. (2019) Archaeological and Anthropological Sciences, 11 (9), pp. 4755-4767.
39. Casas, L., Tema, E. Investigating the expected archaeomagnetic dating precision in Europe: A temporal and spatial analysis based on the SCHA.DIF.3K geomagnetic field model. (2019) Journal of Archaeological Science, 108, art. no. 104972, .
40. Mahgoub, A.N., Juárez-Arriaga, E., Böhnel, H., Siebe, C., Pavón-Carrasco, F.J. Late-Quaternary secular variation data from Mexican volcanoes. (2019) Earth and Planetary Science Letters, 519, pp. 28-39.
41. Zeigen, C., Shaar, R., Ebert, Y., Hovers, E. Archaeomagnetism of burnt cherts and hearths from Middle Palaeolithic Amud Cave, Israel: Tools for reconstructing site formations processes and occupation history. (2019) Journal of Archaeological Science, 107, pp. 71-86.
42. Van De Velde, S., Jorissen, E.L., Neubauer, T.A., Radan, S., Pavel, A.B., Stoica, M., Van Baak, C.G.C., Gándara, A.M., Popa, L., De Stigter, H., Abels, H.A., Krijgsman, W., Wesselingh, F.P. A conservation palaeobiological approach to assess faunal response of threatened biota under natural and anthropogenic environmental change. (2019) Biogeosciences, 16 (12), pp. 2423-2442.
43. Goren, Y., Ben-Yosef, E., Centola, F., Fossé, C., Katzir, Y., Mirão, J., Sha'ar, R., Vassal, Y., Schiavon, N. Conservation science and ethics in the analytical studies of clay cuneiform tablets from ancient near eastern archives. (2019) 2019 IMEKO TC4 International Conference on Metrology for Archaeology and Cultural Heritage, MetroArchaeo 2019, pp. 59-67.
44. Böhnel, H. Paleomagnetic dating. (2019) Geomagnetism, Aeronomy and Space Weather: A Journey from the Earth's Core to the Sun, pp. 13-17.
45. Davies, C.J., Constable, C.G. Searching for geomagnetic spikes in numerical dynamo simulations. (2018) Earth and Planetary Science Letters, 504, pp. 72-83.
46. Juárez-Arriaga, E., Böhnel, H., Carrasco-Núñez, G., Mahgoub, A.N. Paleomagnetism of Holocene lava flows from Los Humeros caldera, eastern Mexico: Discrimination of volcanic eruptions and their age dating. (2018) Journal of South American Earth Sciences, 88, pp. 736-748.
47. Tema, E., Hedley, I., Fasnacht, W., Peege, C. Insights on the geomagnetic secular variation in the Eastern Mediterranean: First directional data from Cyprus. (2018) Physics of the Earth and Planetary Interiors, 285, pp. 1-11.
48. Genevey, A., Kondopoulou, D., Pétridis, P., Aidona, E., Muller, A., Blondé, F., Gros, J.S. New constraints on geomagnetic field intensity variations in the Balkans during the Early Byzantine period from ceramics unearthed at Thasos and Delphi, Greece. (2018) Journal of Archaeological Science: Reports, 21, pp. 952-961.
49. Yutsis-Akimova, S., Gallet, Y., Petrova, N., Nowak, S., Le Goff, M. Geomagnetic field in the Near East at the beginning of the 6th millennium BC: Evidence for alternating weak and strong intensity variations. (2018) Physics of the Earth and Planetary Interiors, 282, pp. 49-59.
50. Casas, L., Auguet, C., Cantoni, G., Vilar, J.L., Guasch, N., Prevosti, M. Using archaeomagnetism to improve the dating of three sites in Catalonia (NE Spain). (2018) Journal of Cultural Heritage, 31, pp. 152-161.
51. Yutsis-Akimova, S., Gallet, Y., Amirov, S. Rapid geomagnetic field intensity variations in the Near East during the 6th millennium BC: New archeointensity data from Halafian site Yarim Tepe II (Northern Iraq). (2018) Earth and Planetary Science Letters, 482, pp. 201-212.
52. Cai, S., Tauxe, L., Paterson, G.A., Deng, C., Pan, Y., Qin, H., Zhu, R. Recent advances in Chinese archeomagnetism. (2017) Frontiers in Earth Science, 5, art. no. 92, .
53. Batt, C.M., Brown, M.C., Clelland, S.-J., Korte, M., Linford, P., Outram, Z. Advances in archaeomagnetic dating in Britain: New data, new approaches and a new calibration curve. (2017) Journal of Archaeological Science, 85, pp. 66-82.
54. Kondopoulou, D., Gómez-Paccard, M., Aidona, E., Rathossi, C., Carvallo, C., Tema, E., Efthimiadis, K.G., Polymeris, G.S. Investigating the archaeointensity determination success of prehistoric ceramics through a multidisciplinary approach: New and re-evaluated data from Greek collections. (2017) Geophysical Journal International, 210 (3), pp. 1450-1471.
55. Salnaia, N., Gallet, Y., Genevey, A., Antipov, I. New archeointensity data from Novgorod (North-Western Russia) between c. 1100 and 1700 AD. Implications for the European intensity secular variation. (2017) Physics of the Earth and Planetary Interiors, 269, pp. 18-28.
56. Davies, C., Constable, C. Geomagnetic spikes on the core-mantle boundary. (2017) Nature Communications, 8, art. no. 15593, .
57. Shaar, R., Tauxe, L., Goguitchaichvili, A., Devidze, M., Licheli, V.. Further evidence of the Levantine Iron Age geomagnetic anomaly from Georgian pottery. (2017) Geophysical Research Letters, 44 (5), pp. 2229-2236.

58. Arneitz, P., Egli, R., Leonhardt, R. Unbiased analysis of geomagnetic data sets and comparison of historical data with paleomagnetic and archeomagnetic records. (2017) Reviews of Geophysics, 55 (1), pp. 5-39.
59. Frank, U., Nowaczyk, N.R., Frederichs, T., Korte, M. Palaeo-and rock magnetic investigations on Late Quaternary sediments from low latitudes. I: Geomagnetic palaeosecular variation and relative palaeointensity records from the Tobago Basin, Southeast Caribbean. (2017) Geophysical Journal International, 208 (3), pp. 1740-1755.
60. Carrancho, Á., Villalaín, J.J., Vallverdú, J., Carbonell, E. Is it possible to identify temporal differences among combustion features in Middle Palaeolithic palimpsests? The archaeomagnetic evidence: A case study from level O at the Abric Romaní rock-shelter (Capellades, Spain). (2016) Quaternary International, 417, pp. 39-50.
61. Carrancho, Á., Herrejón Lagunilla, Á., Vergès, J.M. Three archaeomagnetic applications of archaeological interest to the study of burnt anthropogenic cave sediments. (2016) Quaternary International, 414, pp. 244-257.
62. Tema, E., Ferrara, E., Camps, P., Conati Barbaro, C., Spatafora, S., Carvallo, C., Poidras, T. The Earth's magnetic field in Italy during the Neolithic period: New data from the Early Neolithic site of Portonovo (Marche, Italy). (2016) Earth and Planetary Science Letters, 448, pp. 49-61.
63. Genevey, A., Gallet, Y., Jesset, S., Thébault, E., Bouillon, J., Lefèvre, A., Le Goff, M. New archeointensity data from French Early Medieval pottery production (6th–10th century AD). Tracing 1500 years of geomagnetic field intensity variations in Western Europe. (2016) Physics of the Earth and Planetary Interiors, 257, pp. 205-219.
64. Hervé, G., Chauvin, A., Milcent, P.-Y., Tramon, A. Archaeointensity study of five Late Bronze Age fireplaces from Corent (Auvergne, France). (2016) Journal of Archaeological Science: Reports, 7, pp. 414-419.
65. Stillinger, M.D., Hardin, J.W., Feinberg, J.M., Blakely, J.A. Archaeomagnetism as a complementary dating technique to address the Iron Age chronology debate in the Levant. (2016) Near Eastern Archaeology, 79 (2), pp. 90-106.
66. Shaar, R., Tauxe, L., Ron, H., Ebert, Y., Zuckerman, S., Finkelstein, I., Agnon, A. Large geomagnetic field anomalies revealed in Bronze to Iron Age archeomagnetic data from Tel Megiddo and Tel Hazor, Israel. (2016) Earth and Planetary Science Letters, 442, pp. 173-185.
67. Brown, M.C., Donadini, F., Korte, M., Nilsson, A., Korhonen, K., Lodge, A., Lengyel, S.N., Constable, C.G. GEOMAGIA50.v3: 1. general structure and modifications to the archeological and volcanic database Recent advances in environmental magnetism and paleomagnetism. (2015) Earth, Planets and Space, 67 (1), art. no. 83, .
68. Pavón-Carrasco, F.J., Osete, M.L., Campuzano, S.A., McIntosh, G., Martín-Hernández, F. Recent developments in archeomagnetism: The story of the earth's past magnetic field. (2015) New Developments in Paleomagnetism Research, pp. 99-158.
69. Carrancho, A., Gogichaishvili, A., Kapper, L., Morales, J., Soler Arechalde, A.M., Tema, E. Geomagnetic applications in archeology: State of the art and recent advances. (2015) New Developments in Paleomagnetism Research, pp. 53-98.
70. Gallet, Y., Molist Montaña, M., Genevey, A., Clop García, X., Thébault, E., Gómez Bach, A., Le Goff, M., Robert, B., Nachasova, I. New Late Neolithic (c. 7000-5000 BC) archeointensity data from Syria. Reconstructing 9000years of archeomagnetic field intensity variations in the Middle East. (2015) Physics of the Earth and Planetary Interiors, 238, pp. 89-103.

68. Mokreva A., Tcherkezova E., *Jordanova N.*, 2015. Preliminary results from integrated magnetic and geomorphologic investigations of the archaeological site "Ada tepe" (Eastern Rhodopes). Седма Национална Конференция по Геофизика с международно участие „Геофизика 2015", 20 – 23 май 2015 г., София. Публикация на CD

69. Jordanova, D., *Jordanova N.*, Dimov, D., 2015. Palaeomagnetic and mineral magnetic studies on rock formations from Livingston Island, Antarctica. In: BULGARIAN ANTARCTIC RESEARCH: A synthesis. Eds. Ch. Pimpirev and N. Chipev, "St. Kliment Ohridski"University Press, Sofia, ISBN 978-954-07-3939-7; pp. 208-220.

70. Jordanova, D., *Jordanova, N.*, 2016. Thermomagnetic behavior of magnetic susceptibility – heating rate and sample size effects. Frontiers in Earth Science, 3, open-access academic publisher, DOI:doi: 10.3389/feart.2015.00090, article 90. *IF=2.9*

Цитира се в:

1. Bondar, K.M., Tsiupa, I.V., Sachko, A.V., Nasiedkin, I.I. Pre-war situation with soil pollution in the city of Zaporizhzhia: metallurgical industry center in Ukraine—characterized by magnetic, geochemical and microscopy methods. (2024) Acta Geophysica, 72(2), pp. 1355–1375.
2. Hernández-Cardona, A., Alva-Valdivia, L.M., Cruz-y-Cruz, T., Pérez-García, H. Temperature- and frequency-dependent magnetic susceptibility on archaeological ceramics of the Tlatilca culture (Mexico City): A pilot study towards an archaeointensity approach. (2023) Journal of Archaeological Science: Reports, 52, 104257.
3. Muxworthy, A.R., Turney, J.N., Qi, L., ...Perkins, J.R., Abdulkarim, M.A. Interpreting high-temperature magnetic susceptibility data of natural systems. (2023) Frontiers in Earth Science, 11, 1171200.
4. Doctor, R., Feinberg, J.M. Differential Thermal Analysis Using High Temperature Susceptibility Instruments. (2022) Journal of Geophysical Research: Solid Earth, 127(7), e2021JB023789.
5. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231–251.
6. Bondar, K.M., Fassbinder, J.W.E., Didenko, S.V., Hahn, S.E. Rock magnetic study of grave infill as a key to understanding magnetic anomalies on burial ground. (2022) Archaeological Prospection, 29(1), pp. 139–156.
7. Rawat, S., Gupta, A.K., Srivastava, P., Sangode, S.J., Jovane, L. Spatial–temporal heterogeneity in a small lake and its implication for paleoclimate reconstruction. (2022) Limnology, 23(1), pp. 17–35.
8. Alfonsi, L., Macrì, P., Nazzari, M. Rock magnetic and micro-morphological analysis on snow deposits: Recognition of anthropogenic origin of particulate matter in urban and wilderness areas (central Italy). (2022) Annals of Geophysics, 64(2).
9. Lam, E.J., Carle, R., González, R., Montofré, Í.L., Veloso, E.A., Bernardo, A., Cánovas, M., Álvarez, F.A. A methodology based on magnetic susceptibility to characterize copper mine tailings. (2020) Minerals, 10 (11), art. no. 939, pp. 1-18.
10. Erdyanti, R.B.T., Antareza, M.A., Tjiongnotoputera, K.D., Mariyanto, M. THERMITS: A MATLAB code to process thermomagnetic data. (2020) AIP Conference Proceedings, 2251, art. no. 040037, .
11. Liu, C., Wang, W., Deng, C. A new weathering indicator from high-temperature magnetic susceptibility measurements in an Argon atmosphere. (2020) Geophysical Journal International, 221 (3), pp. 2010-2025.
12. Yang, T., Chen, J., Xu, H., Dekkers, M.J. High-Velocity Friction Experiments Indicate Magnetic Enhancement and Softening of Fault Gouges During Seismic Slip. (2019) Journal of Geophysical Research: Solid Earth, 124 (1), pp. 26-43.
13. Herrero-Bervera, E., Henry, B., Moreira, M. Inflation and collapse of the Wai'anae volcano (Oahu, Hawaii, USA): implications from rock magnetic properties and magnetic fabric data of dikes. (2018) Earth, Planets and Space, 70 (1), art. no. 190, .
14. Menshov, O., Kruglov, O., Vyzhva, S., Nazarok, P., Pereira, P., Pastushenko, T. Magnetic methods in tracing soil erosion, Kharkov Region, Ukraine. (2018) Studia Geophysica et Geodaetica, 62 (4), pp. 681-696.
15. Ateia, M., Koch, C., Jelavić, S., Hirt, A., Quinson, J., Yoshimura, C., Johnson, M. Green and facile approach for enhancing the inherent magnetic properties of carbon nanotubes for water treatment applications. (2017) PLoS ONE, 12 (7), art. no. e0180636, .
16. Samus, M.G., Rico, Y., Ziccarelli, S., Parodi, A.V., Bidegain, J.C. Initial CaCO3 content effects in magnetic properties of calcined sediments. Preliminary results [Efectos del contenido de CaCO3 inicial en las propiedades magnéticas de sedimentos calcinados. Resultados preliminares]. (2017) Boletin de la Sociedad Geologica Mexicana, 69 (1), pp. 261-278.
17. Cournède, C., Garrick-Bethell, I., Coe, R.S., Le Goff, M., Gallet, Y. Mineralogical changes upon heating in the Millbillillie meteorite: Implications for paleointensity determination in Apollo samples. (2016) Comptes Rendus - Geoscience, 348 (8), pp. 551-560.
18. Menshov, O., Kuderavets, R., Vyzhva, S., Maksymchuk, V., Chobotok, I., Pastushenko, T. Magnetic studies at Starunia paleontological and hydrocarbon bearing site (Carpathians, Ukraine). (2016) Studia Geophysica et Geodaetica, 60 (4), pp. 731-746.

71. *Jordanova, N.*, Jordanova, D., Petrov, P., 2016. Soil magnetic properties in Bulgaria at a national scale—Challenges and benefits. Global and Planetary Change, 137, 107-122., *IF:3.9*

Цитира се в:

1. Chen, Y., Song, X., Liu, F., ...Zhang, C., Zhang, G. Spatial Distribution Characteristics and Influencing Factors of Magnetic Susceptibility of Topsoil on the Qinghai-Tibet Plateau | 青藏高原表土磁化率空间分布特征及影响因素］(2024) Acta Pedologica Sinica, 61(2), pp. 361–371.
2. Zawadzki, J., Fabijańczyk, P., Magiera, T. Using geostatistical methods in soil magnetometry: a review. (2024) Journal of Soils and Sediments, article in press
3. Zhao, X.; Zhang, J.; Ma, R.; Luo, H.; Wan, T.; Yu, D.; Hong, Y. Worldwide Examination of Magnetic Responses to Heavy Metal Pollution in Agricultural Soils. (2024) Agriculture, 14, 702.
4. Chen, M., Liu, L. Study on the effect of urban topsoil sampling interval on the variation pattern of magnetic susceptibility of soil profile | 采样间隔对城市表土剖面磁化率变化的影响］(2023) Journal of Nanjing Forestry University (Natural Sciences Edition), 47(6), pp. 61–69.
5. Milićević, T., Relić, D., Urošević, M.A., ...Samson, R., Popović, A. Non-destructive techniques for the determination of magnetic particle and element contents in grapevine leaves and soil as an eco-sustainable tool for environmental pollution assessment in the agricultural areas. (2023) Environmental Monitoring and Assessment, 195(7), 858.
6. Bouhsane, N., Bouhlassa, S. Pedogenic effect and the impact of erosion factors on topsoil magnetic susceptibility enhancement. (2023) Annals of Geophysics, 66(5), GM527.
7. Zhou, Y., Zhang, Z., Rao, J., Chen, B. Predicting and mapping soil magnetic susceptibility in an agro-pastoral transitional zone: Influencing factors and implications. (2022) Soil and Tillage Research, 219, 105352.
8. Du, J., Lü, B., Lin, R., Liu, X., Tang, J. SENSITIVITY OF SOIL MAGNETIC CHARACTERISTICS RESPONSE TO CLIMATIC CONDITION CHANGES IN HUMID SUBTROPICAL MOUNTAINOUS AREAS. (2022) Quaternary Sciences, 42(6), pp. 1601–1612.
9. Szuszkiewicz, M., Grison, H., Petrovský, E., ...Gołuchowska, B., Łukasik, A. Quantification of pedogenic particles masked by geogenic magnetic fraction. (2021) Scientific Reports, 11(1), 14800.
10. Grison, H., Petrovsky, E., Hanzlikova, H. Assessing anthropogenic contribution in highly magnetic forest soils developed on basalts using magnetic susceptibility and concentration of elements. (2021) Catena, 206, 105480.
11. Moritsuka, N., Matsuoka, K., Katsura, K., Sano, S., Yanai, J. Laboratory and field measurement of magnetic susceptibility of Japanese agricultural soils for rapid soil assessment. (2021) Geoderma, 393, art. no. 115013, .
12. Uzarowicz, Ł., Górka-Kostrubiec, B., Dudzisz, K., Rachwał, M., Zagórski, Z. Magnetic characterization and iron oxide transformations in Technosols developed from thermal power station ash. (2021) Catena, 202, art. no. 105292, .
13. Barbosa, J.Z., Poggere, G., Silva, S.H.G., Mancini, M., Motta, A.C.V., Marques, J.J.G.D.S.E.M., Curi, N. National-scale spatial variations of soil magnetic susceptibility in Brazil. (2021) Journal of South American Earth Sciences, 108, art. no. 103191, .
14. Ramos, P.V., Inda, A.V., Barrón, V., Teixeira, D.D.B., Marques, J., Jr. Magnetic susceptibility in the prediction of soil attributes in southern Brazil. (2021) Soil Science Society of America Journal, 85 (1), pp. 102-116.
15. Szuszkiewicz, M., Petrovský, E., Łukasik, A., Gruba, P., Grison, H., Szuszkiewicz, M.M. Technogenic contamination or geogenic enrichment in Regosols and Leptosols? Magnetic and geochemical imprints on topsoil horizons. (2021) Geoderma, 381, art. no. 114685, .
16. Bouhsane N. La susceptibilité magnétique, outil de cartographie quantifiée de l'érosion- redistribution du sol dans un basin versant: application saux bassins Ait Azzouzet Mezguidadu. Bouregreg.. Autre. Université Mohammed V Rabat (Maroc) (2021) PhD these, .Français.
17. Mallett, T. On the Fidelity of Palaeomagnetic Records from Hominin and Archaeological Bearing Palaeocaves in South Africa. (2021). La Trobe. Thesis. https://doi.org/10.26181/19953938.v2
18. Agustin, E.Y., Zulaikah, S., Sunaryono, Haqqi, N.A.B., Pujiastuti, R., Juliansyah, A., Rahman, M.B.S. Analysis magnetic susceptibility and chemical elements of bottom ash of bus in Malang. (2020) AIP Conference Proceedings, 2251, art. no. 040024, .
19. Herbelin, M., Bascou, J., Lavastre, V., Guillaume, D., Benbakkar, M., Peuble, S., Baron, J.-P. Steel slag characterisation—benefit of coupling chemical, mineralogical and magnetic techniques. (2020) Minerals, 10 (8), art. no. 705, pp. 1-19.

20. César de Mello, D., Demattê, J.A.M., Silvero, N.E.Q., Di Raimo, L.A.D.L., Poppiel, R.R., Mello, F.A.O., Souza, A.B., Safanelli, J.L., Resende, M.E.B., Rizzo, R. Soil magnetic susceptibility and its relationship with naturally occurring processes and soil attributes in pedosphere, in a tropical environment. (2020) Geoderma, 372, art. no. 114364, .
21. Hu, P., Heslop, D., Viscarra Rossel, R.A., Roberts, A.P., Zhao, X. Continental-scale magnetic properties of surficial Australian soils. (2020) Earth-Science Reviews, 203, art. no. 103028, .
22. Iswanto, B.H., Zulaikah, S. Selection method to identify the dominant elements that contribute to magnetic susceptibility in sediment. (2019) Journal of Physics: Conference Series, 1402 (4), art. no. 044087, .
23. Wang, B., Xia, D., Yu, Y., Chen, H., Jia, J. Source apportionment of soil-contamination in Baotou City (North China) based on a combined magnetic and geochemical approach. (2018) Science of the Total Environment, 642, pp. 95-104.
24. Ayoubi, S., Abazari, P., Zeraatpisheh, M. Soil great groups discrimination using magnetic susceptibility technique in a semi-arid region, central Iran. (2018) Arabian Journal of Geosciences, 11 (20), art. no. 616.
25. Faměra, M., Matys Grygar, T., Elznicová, J., Grison, H. Geochemical normalization of magnetic susceptibility for investigation of floodplain sediments. (2018) Environmental Earth Sciences, 77 (5), art. no. 189, .
26. Martin, A.P., Ohneiser, C., Turnbull, R.E., Strong, D.T., Demler, S. Soil magnetic susceptibility mapping as a pollution and provenance tool: An example from southern New Zealand. (2018) Geophysical Journal International, 212 (2), pp. 1225-1236.
27. Grison, H., Petrovsky, E., Kapicka, A., Hanzlikova, H. Detection of the pedogenic magnetic fraction in volcanic soils developed on basalts using frequency-dependent magnetic susceptibility: Comparison of two instruments. (2017) Geophysical Journal International, 209 (2), pp. 654-660.
28. Liu, Z., Ma, J., Wei, G., Liu, Q., Jiang, Z., Ding, X., Peng, S., Zeng, T., Ouyang, T. Magnetism of a red soil core derived from basalt, northern Hainan Island, China: Volcanic ash versus pedogenesis. (2017) Journal of Geophysical Research: Solid Earth, 122 (3), pp. 1677-1696.

72. *Jordanova, N.*, Jordanova, D. 2016. Rock-magnetic and geochemical characteristics of relict Vertisols—signs of past climate and recent pedogenic development. Geophysical Journal International, 205, Oxford University Press, ISSN:0956-540X, DOI:10.1093/gji/ggw067, 1437-1454. ***IF:2.8***.

Цитира се в:

1. da Silva, L.F.V., Silva, L.S., de Bortoli Teixeira, D., ...França, A.B.C., Júnior, J.M. Pedotransfer functions for adsorbed phosphorus evaluations using magnetic susceptibility for mapping purposes. (2023) Precision Agriculture, 24(5), pp. 2061–2080.
2. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231–251.
3. Eso, R., Tufaila, M., La Safiuddin, O., Syaf, H. Magnetic properties and nitrogen content of soil exposed by lightning. (2021) JP Journal of Heat and Mass Transfer, 23(2), pp. 341–357
4. Uzarowicz, Ł., Górka-Kostrubiec, B., Dudzisz, K., Rachwał, M., Zagórski, Z. Magnetic characterization and iron oxide transformations in Technosols developed from thermal power station ash. (2021) Catena, 202, art. no. 105292, .
5. Ouyang, T., Li, M., Guo, Y., Peng, S., He, C., Zhu, Z. Magnetic Difference Between Deep and Surface Soil Within an Agricultural Area in Southern China: Implications for Magnetic Mineral Transformation During Pedogenic Process Under Subtropical Climate. (2020) Earth and Space Science, 7 (10), art. no. e2019EA001070, .
6. Lepre, C.J. Constraints on Fe-Oxide Formation in Monsoonal Vertisols of Pliocene Kenya Using Rock Magnetism and Spectroscopy. (2019) Geochemistry, Geophysics, Geosystems, 20 (11), pp. 4998-5013.

73. *Jordanova, N.* "Soil Magnetism. Applications in Pedology, Environmental Science and Agriculture". 1st Edition, Academic Press (Elsevier), 2016, ISBN:9780128092392, pp. 1-446

Цитира се в:

1. Joju, GS; Warrier, AK; (...); Mohan, R. A high-resolution record of Mid- to Late-Holocene environmental changes from a land-locked lake in Schirmacher Oasis, East Antarctica. (2024) Holocene Mar 2024 (Early Access)
2. Safarik, I and Prochazkova, J. Soil montmorillonite can exhibit peroxidase-like activity (20240 Clay Minerals First View , pp. 1 – 4, DOI: https://doi.org/10.1180/clm.2024.3
3. Lenka, S., Kessarkar, P.M., Fernandes, L.L., Gomes, C. Changes in rock magnetic properties of sediments along the Carlsberg Ridge: Inferences on active/extinct vent fields. (2024) Marine Geology, 468, 107208
4. Zhang, G., Tang, Y., Lin, J., ...Jia, Y., Wang, S. Magnetic and structural characteristics associated with the transformation of As(v)-coprecipitated ferrihydrite to hematite: implications for magnetic enhancement in soils and sediments. (2024) Environmental Science: Nano, article in press
5. Zawadzki, J., Fabijańczyk, P., Magiera, T. Using geostatistical methods in soil magnetometry: a review. (2024) Journal of Soils and Sediments, article in press
6. Li, G., Zhang, X., Li, H., ...Hu, J., Wang, Y. Relationship between magnetic properties and weathering in red soil profiles developed on weakly magnetic parent rock in the tropical and subtropical region of Yunnan, China (2024) Acta Geophysica, article in press
7. Taghdis, S., Farpoor, M.H., Mahmoodabadi, M. Exploring the spatial variability of soil properties using reflectance spectroscopy and magnetic susceptibility techniques in arid lands. (2024) Environmental Earth Sciences, 83(1), 24.
8. Bouhsane N, Bouhlassa S. Pedogenic effect and the impact of erosion factors on topsoil magnetic susceptibility enhancement". (2023) Annals of Geophysics, 66.
9. da Silva, LFV; Silva, LS; (...); Marques, J Jr Pedotransfer functions for adsorbed phosphorus evaluations using magnetic susceptibility for mapping purposes (2023) Precision Agriculture, 24 (5) , pp.2061-2080
10. de Lima, W; Mancini, M; (...); Curi, N Tracing the origin of deposited sediments: A study applying proximal sensing in a drainage subbasin. (2023) J. South American Earth Sci, 123 , 104241, 2023
11. de Matos, A.P., Matias, S.S.R., Nunes, R.K.L., Morais, E.M., Filho, G.S.T. Soil management of limed areas cultivated with banana identified by magnetic susceptibility (2023) Revista Ceres, 70(4), pp. 17–24.
12. de Mello, DC; Veloso, GV; (...); Demattê, JAM Chemical weathering detection in the periglacial landscapes of Maritime Antarctica: New approach using geophysical sensors, topographic variables and machine learning algorithms (2023) Geoderma, 438, 116615.
13. De Mello, DC; Veloso, GV; (...); Dematte, JAM Radiometric and magnetic susceptibility characterization of soil profiles: Geophysical data and their relationship with Antarctic periglacial processes, pedogenesis, and lithology. (2023) CATENA, Volume 232, 107427.
14. Garbuz, S; Mackay, A; (...); Minor, M Biochar increases soil enzyme activities in two contrasting pastoral soils under different grazing management. (2023) CROP & PASTURE SCIENCE, 74 (2) , pp.101-111.
15. Grison, H., Janovský, M.P., Lisá, L., ...Hron, K., Hejcman, M. Magnetic and geochemical record of soil impacted by 300 years of Early medieval settlement. (2023) Catena, 231, 107368.
16. Joju G.S., Warrier AK Chaparro , M.A.E., Mahesh B.S., Matthew F. A., Anusree S., Mohan R. Mineral magnetic properties of surface soils from the Broknes and Grovnes Peninsula, Larsemann Hills, East Antarctica. (2023) Polar Science 38, 100968.
17. Lepre, C. Identifying Temperature and Moisture Controls on Fe Oxide Origins. (2023) Geophysical Research Letters, 50(17), e2023GL102761.
18. Moulin, C; Pruneau, L; (...); Loranger-Merciris, G. Impacts of agroecological practices on soil microbial communities in experimental open-field vegetable cropping systems. (2023). FEMS Microbiology Ecology, Volume 99, Issue 4, fiad030.
19. Reethu, M., Sandeep, K., Sebastian, J.G., ...Akshay, R., Suhaiba, V.V. Mineral magnetic properties of ultisol profiles from tropical southern India. (2023) Geosciences Journal, 27(5), pp. 581–598.
20. Sardoo, ES; Farpoor, MH; (...); Jafari, A Magnetic susceptibility in soil pedons developed on different parent rocks in Kerman province (Iran) (2023) Studia Geophysica et Geodaetica, 67 (1-2) , pp.83-106.
21. Stele, A., Kaub, L., Linck, R., Schikorra, M., Fassbinder, J.W.E. Drone-based magnetometer prospection for archaeology. (2023) Journal of Archaeological Science, 158, 105818.
22. Sun, XL; Ryan, MG; (...); Sun, OJ Environmental controls on density-based soil organic carbon fractionations in global terrestrial ecosystems. (2023) Land Degradation and development, Volume34, Issue14, Pages 4358-4372.

23. Arkhipova, M.Yu. Modelling Crop Yield in Agricultural Regions Using Computer Vision Technology | [Моделирование урожайности зерновых культур сельскохозяйственных регионов с использованием технологий компьютерного зрения] (2022) Economy of Region, 18(2), pp. 581-594.
24. Bondar, KM; Fassbinder, JWE; (...); Hahn, SE, Rock magnetic study of grave infill as a key to understanding magnetic anomalies on burial ground. (2022) Archaeological prospection, 29 (1) , pp.139-156.
25. Bondar, KM; Petrauskas, OV; (...); Popov, SA Magnetic prospecting and rock magnetic study of soils and archaeological objects on the Late Roman time sites near Komariv in Middle Transnistria. (2022) GEOFIZICHESKIY ZHURNAL-GEOPHYSICAL JOURNAL, 44 (2) , pp.29-52.
26. Brito, WBM; Campos, MCC; (...); de Oliveira, IA Spatial patterns of magnetic susceptibility optimized by anisotropic correction in different Alisols in southern Amazonas, Brazil. (2022) Precision Agriculture, 23 (2) , pp.419-449.
27. Derder, M.E.M., Henry, B., Maouche, S., (...), Ayache, M., Beddiaf, M. Enigmatic well-characterized remanent magnetization of silicified Lower Devonian rocks from the Tadrart area (Murzuq basin, SE Algeria). (2022) International Journal of Earth Sciences, 111(4), pp. 1185-1200.
28. Dreibrodt, S; Hofmann, R; (...); Muller, J Earthworms, Darwin and prehistoric agriculture-Chernozem genesis reconsidered (2022) Geoderma, Volume 409, 1 March 2022, 115607 409.
29. Ghezzi, D; Foschi, L; (...); Cappelletti, M. Insights into the microbial life in silica-rich subterranean environments: microbial communities and ecological interactions in an orthoquartzite cave (Imawari Yeuta, Auyan Tepui, Venezuela) (2022) Frontiers in microbiology, 13 Sep 23 2022
30. Ivanik, O; Menshov, O; (...); Khomenko, R., METHODOLOGICAL ASPECTS OF LANDSLIDE RISK ASSESSMENT WITHIN URBAN AREAS (CASE STUDY OF THE MODEL SITE "LYSA GORA", KYIV) (2022) VISNYK OF TARAS SHEVCHENKO NATIONAL UNIVERSITY OF KYIV-GEOLOGY , (1) , pp.27-33.
31. Ivanov, M.A., Tyufekchiev, K.A. Soil Magnetic Susceptibility Properties as Indicators of Heavy Metals Pollution in “Bobov Dol” TPP Area (Bulgaria) (2022) Ecologia Balkanica, 14(1), pp. 103-111
32. Noskevich, V., Fedorova, N. Geophysical Studies of Wells in the Settlements of Konoplyanka 1 and Konoplyanka 2 (Bronze Age). (2022) Interdisciplinaria Archaeologica 13(1), pp. 19-28
33. Rasooli, N., Farpoor, M.H., Mahmoodabadi, M., Esfandiarpour Boroujeni, I. Pedoenvironmental variations assessment using magnetic susceptibility in Lut Watershed, Central Iran (2022) Journal of Applied Geophysics, 198,104582
34. Scheper, S; Meusburger, K; (...); Alewell, C. Occurrence and erosion susceptibility of German Pelosols and international equivalents(#) (2022) JOURNAL OF PLANT NUTRITION AND SOIL SCIENCE , Apr 2022 (Early Access)
35. Wang, F., Zhang, W., Huang, T., Xu, Y., Lai, Z. Particle-size dependent magnetic property variations in the Yangtze delta sediments of late Holocene: Effects of pedogenesis and diagenesis (2022) Catena, 209,105832
36. BOBUĽSKÁ L, DEMKOVÁ L., RENČ M., ČEREVKOVÁ, A., ACTIVITY OF SOIL MICROBIAL COMMUNITY AS AN INDICATOR OF PLANT SPECIES INVASION ON SOIL ECOSYSTEM (2021) Proceedings of the XII International Scientific Agricultural Symposium “Agrosym 2021”925-931
37. Brito, W.B.M., Campos, M.C.C., de Souza, F.G. et al. Spatial patterns of magnetic susceptibility optimized by anisotropic correction in different Alisols in southern Amazonas, Brazil. (2021) Precision Agric.. https://doi.org/10.1007/s11119-021-09843-6
38. Gagiu, V; Mateescu, E; (...); Belc, N., Deoxynivalenol Occurrence in Triticale Crops in Romania during the 2012-2014 Period with Extreme Weather Events. (2021) TOXINS ,13 (7).
39. Grison, H., Petrovsky, E., Hanzlikova, H. , Assessing anthropogenic contribution in highly magnetic forest soils developed on basalts using magnetic susceptibility and concentration of elements. (2021), Catena, 206,105480
40. Ramos, P., Inda, A.V.; Barron, V., Teixeira, D., Marques Jr., J., Magnetic susceptibility in the prediction of soil attributes in southern Brazil. (2021) Soil Science Society of America Journal, 85, 102-116
41. Magiera, T., Górka-Kostrubiec, B., Szumiata, T., Wawer, M. Technogenic magnetic particles from steel metallurgy and iron mining in topsoil: Indicative characteristic by magnetic parameters and Mössbauer spectra. (2021) Science of the Total Environment, 775, art. no. 145605, .
42. Taghdis, S., Farpoor, M.H., Mahmoodabadi, M., Fekri, M., Monitoring magnetic susceptibility and spatial distribution of soil attributes in different land uses: a case study in an arid and semi-arid region, southern Iran. (2021) Arabian Journal of Geosciences, 14 (11), art. no. 970, .
43. Malinova, L.; Petrova, K.; Grigorova-Pesheva, B. Lixisols and Acrisols on the territory of Strandzha Mountain. (2021) BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, 179-185), 1(27

44. Barbosa, J.Z., Poggere, G., Silva, S.H.G., Mancini, M., Motta, A.C.V., Marques, J.J.G.D.S.E.M., Curi, N. National-scale spatial variations of soil magnetic susceptibility in Brazil. (2021) Journal of South American Earth Sciences, 108, art. no. 103191, .
45. Jaqueto, P., Trindade, R.I.F., Feinberg, J.M., Carmo, J., Novello, V.F., Stríkis, N.M., Cruz, F.W., Shimizu, M.H., Karmann, I. Magnetic Mineralogy of Speleothems From Tropical-Subtropical Sites of South America. (2021) Frontiers in Earth Science, 9, art. no. 634482, .
46. Łukasik, A., Szuszkiewicz, M., Wanic, T., Gruba, P. Three-dimensional model of magnetic susceptibility in forest topsoil: An indirect method to discriminate contaminant migration. (2021) Environmental Pollution, 273, art. no. 116491, .
47. Timofeeva, Y.O., Karabtsov, A., Ushkova, M., Burdukovskii, M., Semal, V. Variation of trace element accumulation by iron-manganese nodules from Dystric Cambisols with and without contamination. (2021) Journal of Soils and Sediments, 21 (2), pp. 1064-1078.
48. Amrutha, K., Warrier, A.K., Sandeep, K., Jyothinath, A., Ananthapadmanabha, A.L., Shankar, R. Environmental Magnetic Properties of Lateritic Soils from Southwestern India. (2021) Eurasian Soil Science, 54 (2), pp. 238-248.
49. Taghdis, S., Farpoor, M.H., Fekri, M., Mahmoodabadi, M. Vertical distribution of magnetic susceptibility as affected by pedoenvironmental factors along an arid and semi-arid transect, Fars Province, Iran. (2021) Studia Geophysica et Geodaetica, 65 (1), pp. 86-103.
50. Szuszkiewicz, M., Petrovský, E., Łukasik, A., Gruba, P., Grison, H., Szuszkiewicz, M.M. Technogenic contamination or geogenic enrichment in Regosols and Leptosols? Magnetic and geochemical imprints on topsoil horizons. (2021) Geoderma, 381, art. no. 114685, .
51. Bógalo, M.F., Bradák, B., Villalaín, J.J., Calvo-Rathert, M., González, M.I., Heller, F., Ortega, A.I., Parés, J.M. High-resolution late Middle Pleistocene paleoclimatic record from the Galería Complex, Atapuerca archaeological site, Spain - An environmental magnetic approach. (2021) Quaternary Science Reviews, 251, art. no. 106721, .
52. Круглов, О.В. Магнітометрія ґрунтів у діагностуванні деградаційних процесів. Агрохімія і ґрунтознавство. 2020. 90. Круглов О.В. (29-35)
53. Komathy Prapagar. PhD Thesis. Quantifying the Variability and Dynamics of Soil Hydromorphism in the Riparian Buffer Systems. May 2021. The University of Guelph, Guelph, Ontario, Canada. https://hdl.handle.net/10214/25794
54. Fattakhova, L.A., Shcherbakov, V.P., Kuzina, D.M., Dautov, A.N., Sycheva, N.K. Changes in the Magnetic Properties of Soddy-Podzolic Soils Depending on the Conditions of Soil Formation. (2020) Izvestiya - Atmospheric and Ocean Physics, 56 (10), pp. 1235-1246.
55. Fattakhova, L.A., Shcherbakov, V.P., Kuzina, D.M. Petromagnetic Properties of Fallow Soils as an Indicator of the Organic-Matter Content. (2020) Izvestiya - Atmospheric and Ocean Physics, 56 (7), pp. 678-692.
56. Peluco, R.G., Marques Júnior, J., Siqueira, D.S., Silva, L.S., Gomes, R.P. Soil magnetic signature for identification of areas with different sorption potentials of imazaquin. (2020) Crop Protection, 137, art. no. 105295, .
57. Rachwał, M., Wawer, M., Jabłońska, M., Rogula-Kozłowska, W., Rogula-Kopiec, P. Geochemical and mineralogical characteristics of airborne particulate matter in relation to human health risk. (2020) Minerals, 10 (10), art. no. 866, pp. 1-19.
58. Sharifigarmdareh, J., Khormali, F., Scheidt, S., Rolf, C., Kehl, M., Frechen, M. Investigating soil magnetic properties with pedogenic variation along a precipitation gradient in loess-derived soils of the Golestan province, northern Iran. (2020) Quaternary International, 552, pp. 100-110.
59. Liu, L., Liu, H., Fu, S., Zhang, K., Wen, M., Yu, Y., Huang, M. Feasibility of magnetite powder as an erosion tracer for main soils across China. (2020) Journal of Soils and Sediments, 20 (4), pp. 2207-2216.
60. Font, E., Adatte, T., Abrajevitch, A., Mirão, J., Sharma, N., Sordet, V., Andrade, M. Integrated mineralogical and rock magnetic study of Deccan red boles. (2020) Special Paper of the Geological Society of America, 544, pp. 199-222.
61. Čejka, T., Nývlt, D., Kopalová, K., Bulínová, M., Kavan, J., Lirio, J.M., Coria, S.H., van de Vijver, B. Timing of the neoglacial onset on the North-Eastern Antarctic Peninsula based on lacustrine archive from Lake Anónima, Vega Island. (2020) Global and Planetary Change, 184, art. no. 103050, .
62. Hu, PX ; Heslop, D ; Rossel, RAV ; Roberts, AP ; Zhao, X . Continental-scale magnetic properties of surficial Australian soils. 2020. EARTH-SCIENCE REVIEWS, 203 Article Number: 103028
63. Simon, F.X. Pareilh-Peyrou, M. Buvat, S.. et al. Quantifying multiple electromagnetic properties in EMI surveys: A case or study of hydromorphic soils in a volcanic context - The Lac du Puy (France). (2020) GEODERMA, 361, Article Number: 114084
64. Schnepp, E.; Thallner, D.; Arneitz, P. et al. New archaeomagnetic secular variation data from Central Europe. I: directions. (2020) GEOPHYSICAL JOURNAL INTERNATIONAL, 1023-1044), 2(220

65. М. Мірошниченко, О. Круглов, Є. Панасенко, П. Назарок . Магнітна сприйнятливість ґрунтів чорноземної зони Лівобережжя України та її інформативність в агрохімічному аспекті . 2020 , Bulletin of Agricultural Science, Том 98 № 8, DOI: https://doi.org/10.31073/agrovisnyk202008-03
66. Miftah Khairani, Rosliana Eso, La Ode Safiuddin. Analisis Suseptibilitas Magnetik Tanah dan Laju Evapotranspirasi di Desa Ranooha, Kecamatan Ranomeeto, Kabupaten Konawe Selatan. 2020. Jurnal Penelitian Pendidikan Fisika, Vol. 5 No. 3 , 227-232, DOI: http://dx.doi.org/10.36709/jipfi.v5i3.13444
67. Фаттахова Л.А., Щербаков В.П., Кузина Д.М. Петромагнитные свойства залежных почв как индикатор содержания в них органического вещества // Геофизические процессы и биосфера. 2020. Т. 19, № 1. С. 51–65. https://doi.org/10.21455/GPB2020.1-3
68. Mazurkevich, A.N., S. Lorenz, J. Fassbinder, R. Hensel, E.V. Dolbunova, E. Kazakov, E. Pavlovskaya (2020). 'Geophysical prospection of submerged Neolithic settlements in Lake Sennitsa (NW Russia)'. In: Settling Waterscapes in Europe. The Archaeology of Neolithic and Bronze Age. Pile-Dwellings. Ed. by A. Hafner, E. Dolbunova, A. Mazurkevich, E. Pranckenaite and M. Hinz. Open Series in Prehistoric Archaeology 1. Bern and Heidelberg: Propylaeum, pp. 37–58. DOI: 10.11588/propylaeum.714
69. N. Kawamura. Magnetic measurements as a forensic geology tool: A Review. 2020. J. Geol. Soc. Japan, 126 (8), 459-470. doi: 10.5575/geosoc.2020.0015
70. Stele A., Fassbinder J.W.E., Härtling J. W., Bussmann J., Schmidt J., Zielhofer C. Genesis of magnetic anomalies and magnetic properties of archaeological sediments in floodplain wetlands of the Fossa Carolina. 2020. Archaeological Prospection, 27, 2, 169-180; https://doi.org/10.1002/arp.1761
71. Silvero, N.E.Q., Siqueira, D.S., Coelho, R.M., Da Costa Ferreira, D., Jr, Marques, J., Jr. Protocol for the use of legacy data and magnetic signature on soil mapping of São Paulo Central West, Brazil. (2019) Science of the Total Environment, 693, art. no. 133463, .
72. Lepre, C.J. Constraints on Fe-Oxide Formation in Monsoonal Vertisols of Pliocene Kenya Using Rock Magnetism and Spectroscopy. (2019) Geochemistry, Geophysics, Geosystems, 20 (11), pp. 4998-5013.
73. Magiera, T., Łukasik, A., Zawadzki, J., Rösler, W. Magnetic susceptibility as indicator of anthropogenic disturbances in forest topsoil: A review of magnetic studies carried out in Central European forests. (2019) Ecological Indicators, 106, art. no. 105518, .
74. Cardoso-Fernandes, J. Teodoro, A.C.; Lima, A. Remote sensing data in lithium (Li) exploration: A new approach for the detection of Li-bearing pegmatites. (2019) INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, 76, 10-25
75. Yua Y., Zhang K., Liu L., Ma, Q., Luo J. Estimating long-term erosion and sedimentation rate on farmland using magnetic susceptibility in northeast China, 2019, Soil and Tillage Research, 187, 41-49
76. Huang, L., Jia, X., Shao, M., Chen, L., Han, G., Zhang, G. Phases and rates of iron and magnetism changes during paddy soil development on calcareous marine sediment and acid Quaternary red-clay. (2018) Scientific Reports, 8 (1), art. no. 444, .
77. Zhang, J., Rolf, C., Wacha, L., Tsukamoto, S., Durn, G., Frechen, M. Luminescence dating and palaeomagnetic age constraint of a last glacial loess-palaeosol sequence from Istria, Croatia. (2018) Quaternary International, 494, pp. 19-33.
78. Ayoubi, S., Abazari, P., Zeraatpisheh, M. Soil great groups discrimination using magnetic susceptibility technique in a semi-arid region, central Iran. (2018) Arabian Journal of Geosciences, 11 (20), art. no. 616.
79. Petrovský, E., Remeš, J., Kapička, A., Podrázský, V., Grison, H., Borůvka, L. Magnetic mapping of distribution of wood ash used for fertilization of forest soil. (2018) Science of the Total Environment, 626, pp. 228-234.
80. Nejman, L., Lisá, L., Doláková, N., Horáček, I., Bajer, A., Novák, J., Wright, D., Sullivan, M., Wood, R., Gargett, R.H., Pacher, M., Sázelová, S., Nývltová Fišáková, M., Rohovec, J., Králík, M. Cave deposits as a sedimentary trap for the Marine Isotope Stage 3 environmental record: The case study of Pod Hradem, Czech Republic. (2018) Palaeogeography, Palaeoclimatology, Palaeoecology, 497, pp. 201-217.
81. Verestek, V., Appel, E., Voigt, S., Frisch, K. Constrained magnetostratigraphic dating of a continental middle miocene section in the arid central Asia. (2018) Frontiers in Earth Science, 6, art. no. 49, .
82. Dill, H.G., Goldmann, S., Cravero, F. Zr-Ti-Fe placers along the coast of NE Argentina: Provenance analysis and ore guide for the metallogenesis in the South Atlantic Ocean. (2018) Ore Geology Reviews, 95, pp. 131-160.
83. Goebel, M.-O., Krueger, J., Fleige, H., Igel, J., Horn, R., Bachmann, J. Frequency dependence of magnetic susceptibility as a proxy for fine-grained iron minerals and aggregate stability of south Chilean volcanic ash soils. (2017) Catena, 158, pp. 46-54.

74. *Jordanova, N.*, Petrovský, E., Kapicka, A., Jordanova, D., Petrov, P., 2017. Application of magnetic methods for assessment of soil restoration in the vicinity of metallurgical copper-processing plant in Bulgaria. Environmental Monitoring and Assessment, 189, Article number 158, *IF=3.0* .

Цитира се в:

1. Matshameko, Y., Okolo, C.C., Eze, P.N. Near-surface pedosediments of Takatokwane saline pan, southern Botswana: Properties, pedogenic processes, and inferences of environmental change. (2023) Geoderma Regional, 34, e00696.
2. Srivastava, J., Srivastava, P. Biomining Microorganisms' Molecular Aspects and Applications in Biotechnology and Bioremediation. (2022) Research Anthology on Emerging Techniques in Environmental Remediation, pp. 569–582.
3. Menshov, O., Kruglov, O., Vyzhva, S., ...Pastushenko, T., Dindaroglu, T. Landscape Position Effects on Magnetic Properties of Soils in the Agricultural Land Pechenigy, Ukraine. (2021) Earth Systems and Environment, 5(3), pp. 739–750
4. Zou, X., Zhang, Z., Wu, M., Wan, Y. Slope-scale spatial variability of fractal dimension of soil particle size distribution at multiple depths. (2021) Soil Science Society of America Journal, 85 (1), pp. 117-131.
5. Kapper, K.L., Bautista, F., Goguitchaishvili, A., Bógalo, M.F., Cejudo-Ruíz, R., Solano, M.C. The use and misuse of magnetic methods to monitor environmental pollution in urban areas. (2020) Boletin de la Sociedad Geologica Mexicana, 72 (1), pp. 1-44.
6. Ayoubi, S., Abazari, P., Zeraatpisheh, M. Soil great groups discrimination using magnetic susceptibility technique in a semi-arid region, central Iran. (2018) Arabian Journal of Geosciences, 11 (20), art. no. 616, .
7. Srivastava, J., Srivastava, P. Biomining microorganisms' molecular aspects and applications in biotechnology and bioremediation. (2018) Biostimulation Remediation Technologies for Groundwater Contaminants, pp. 1-18.
8. Hasani, S., Asghari, O., Doulati Ardejani, F., Yousefi, S. Spatial modelling of hazardous elements at waste dumps using geostatistical approach: a case study Sarcheshmeh copper mine, Iran. (2017) Environmental Earth Sciences, 76 (15), art. no. 532, .

75. Attoucheik, L., *Jordanova, N.*, Bayou, B., Lagroix, F., Jordanova, D., Maouche, S. Henry, B. , Boutaleb, A., 2017. Soil metal pollution from former Zn-Pb mining assessed by geochemical and magnetic investigations: case study of the Bou Caid area (Tissemsilt, Algeria). ENVIRONMENTAL EARTH SCIENCES, 76 (7), Article Number: 298; DOI: 10.1007/s12665-017-6622-9, *IF=2.8*

Цитира се в:

1. Milinovic, J., Santos, P., Sant'Ovaia, H., ...Flores, D., Azenha, M. Multivariate analysis applied to X-ray fluorescence to assess soil contamination pathways: case studies of mass magnetic susceptibility in soils near abandoned coal and W/Sn mines. (2024) Environmental Geochemistry and Health, 46(6), 202.
2. Rousse, S., Llubes, M., Ghorbel, M., ...Joussein, E., Munoz, M. Multi-devices field magnetic susceptibility: '3D' spatialization of metallic contamination in soils and reverse correlation in carbonated context (Jebel Ressas, Tunisia). (2023) Environmental Earth Sciences, 82(19), 457.
3. Djezairi, O., Bouzidi, A., Bouzidi, N., Ayaden, B., Benselhoub, A. RECYCLING OF BARITE ORE TAILINGS INTO PORCELAIN: MICROSTRUCTURE AND DIELECTRIC PROPERTIES. (2023) Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, (6), pp. 48–53.
4. Saleh, A., Dawood, Y.H., Gad, A. Assessment of Potentially Toxic Elements' Contamination in the Soil of Greater Cairo, Egypt Using Geochemical and Magnetic Attributes. (2022) Land, 11(3), 319.
5. Zhang, J., Lin, Q., Liu, B., ...Zhou, X., Kang, X. Magnetic Response of Heavy Metal Pollution in Soil of Urban Street Greenbelts. (2022) Polish Journal of Environmental Studies, 31(2), pp. 1923–1933.
6. Louha, H., Balassone, G., Mondillo, N., ...Boni, M., Joachimski, M.M. The pb-zn (Ba) nonsulfide mineralizations at bou caïd (ouarsenis, algeria): Mineralogy, isotope geochemistry, and genetic inferences. (2021) Minerals, 11(7), 687.
7. Ali Zerrouki, A., Melila, M. Evaluation of Soil Contamination by Heavy Metals in the Vicinity of Boucaid Mine, Ouarsenis (N.O. Algeria). (2021) Soil and Sediment Contamination, .

8. Herbelin, M., Bascou, J., Lavastre, V., Guillaume, D., Benbakkar, M., Peuble, S., Baron, J.-P. Steel slag characterisation—benefit of coupling chemical, mineralogical and magnetic techniques. (2020) Minerals, 10 (8), art. no. 705, pp. 1-19.
9. Horasan, B.Y. The environmental impact of the abandoned mercury mines on the settlement and agricultural lands; Ladik (Konya, Turkey). (2020) Environmental Earth Sciences, 79 (10), art. no. 237, .
10. Kumar, A., Prasad, M.N.V. Plant Genetic Engineering Approach for the Pb and Zn Remediation: Defense Reactions and Detoxification Mechanisms. Defense Reactions and Detoxification Mechanisms. (2018) Transgenic Plant Technology for Remediation of Toxic Metals and Metalloids, pp. 359-380.
11. Poggere, G.C., Inda, A.V., Barrón, V., Kämpf, N., de Brito, A.D.B., Barbosa, J.Z., Curi, N. Maghemite quantification and magnetic signature of Brazilian soils with contrasting parent materials. (2018) Applied Clay Science, 161, pp. 385-394.
12. Wang, G., Chen, Y., Xia, D., Ren, F., Fang, A., Ma, L. Magnetic property of urban topsoil and its implication of heavy metal pollution in Shanghai [上海城市表土磁性特征对重金属污染的指示作用]. (2018) Huanjing Kexue Xuebao/Acta Scientiae Circumstantiae, 38 (8), pp. 3302-3312.

76. Mokreva, A., *Jordanova, N.*, Jordanova, D., Stoyanova, V., Petrov, P., 2017. "Evalution of soil contamination degree in the region of Martitza-East thermal power plants using magnetic methods". Ecology&Safety, 11, 2017, ISSN:1314-7234, 70-84

77. Йорданова Д., *Йорданова, Н.*, Лесигярски, Д., Костадинова-Аврамова, М., Нехризов, Г.. Температури на изпичане на керамични съдове от желязната епоха от скален комплекс Глухите камъни. ТРАКИЙСКАТА ДРЕВНОСТ: ТЕХНОЛОГИЧНИ И ГЕНЕТИЧНИ ИЗСЛЕДВАНИЯ, ИСТОРИЯ И НЕМАТЕРИАЛНО НАСЛЕДСТВО, Марин Дринов, 2017, 73-83

78. Jordanova, D., *Jordanova, N.*, Barrón, V., Petrov, P. The signs of past wildfires encoded in the magnetic properties of forest soils. Catena, 171, 265-279, 2018. *IF=6.2*.

Цитира се в:

1. Negri, S., Giannetta, B., Till, J., ...Said-Pullicino, D., Bonifacio, E. Fire simulation effects on the transformation of iron minerals in alpine soils. (2024) Geoderma, 444, 116858.
2. Lopez, A.M., Avila, C.C.E., VanderRoest, J.P., ...Fendorf, S., Borch, T. Molecular insights and impacts of wildfire-induced soil chemical changes. (2024) Nature Reviews Earth and Environment, article in press
3. dos Santos, L.A.C., de Araújo Pedron, F., de Souza Junior, V.S., ...Campos, M.C.C., Araujo, J.K.S. Magnetic and spectral signature of anthropogenic and non-anthropogenic soils to identify pedogenetic processes in Amazonia, Brazil. (2023) Geoderma Regional, 32, e00622.
4. Mergelsberg, S.T., Saslow, S.A., Bylaska, E.J., Ilton, E.S. Effect of Temperature on Local Hydration of Zn in Hematite. (2022) ACS Earth and Space Chemistry, 6(3), pp. 551–557.
5. Menshov, O., Kruglov, O., Vyzhva, S., ...Pastushenko, T., Dindaroglu, T. Landscape Position Effects on Magnetic Properties of Soils in the Agricultural Land Pechenigy, Ukraine. (2021) Earth Systems and Environment, 5(3), pp. 739–750.
6. Till, J.L., Moskowitz, B., Poulton, S.W. Magnetic Properties of Plant Ashes and Their Influence on Magnetic Signatures of Fire in Soils. (2021) Frontiers in Earth Science, 8, art. no. 592659, .
7. Chaparro, M.A.E., Moralejo, M.D.P., Böhnel, H.N., Acebal, S.G. Iron oxide mineralogy in Mollisols, Aridisols and Entisols from southwestern Pampean region (Argentina) by environmental magnetism approach. (2020) Catena, 190, art. no. 104534, .
8. Magiera, T., Łukasik, A., Zawadzki, J., Rösler, W. Magnetic susceptibility as indicator of anthropogenic disturbances in forest topsoil: A review of magnetic studies carried out in Central European forests. (2019) Ecological Indicators, 106, art. no. 105518.

79. *Jordanova, N.*, Jordanova, D., Kostadinova-Avramova, M., Lesigyarski, D., Nikolov, V., Katsarov, G., & Bacvarov, K. 2018. A mineral magnetic approach to determine paleo-firing temperatures in the Neolithic settlement site of Mursalevo-Deveboaz (SW Bulgaria). Journal of Geophysical Research: Solid Earth, 123 (4), 2522 - 2538, *IF=3.9*

Цитира се в:

1. Muthusamy, R., Ramya, S., Alfarraj, S., Kumarasamy, S. Conversion of metal-enriched magnetite mine tailings into suitable soil for vegetation by phytoremediation process with Bougainvillaea glabra under the influence of Thiobacillus ferroxidance. (2024) Environmental Research, 251, 118740.
2. Hernández-Cardona, A., Alva-Valdivia, L.M. , Cruz-y-Cruz, T., Pérez-García, H. Temperature- and frequency-dependent magnetic susceptibility on archaeological ceramics of the Tlatilca culture (Mexico City): A pilot study towards an archaeointensity approach. (2023) Journal of Archaeological Science: Reports, 52, 104257.
3. Chen, G., Li, G., Liu, M., ... Wu, G., Zhan, C. The firing temperatures of burnt clay from the Chinese neolithic cultural relics and its paleoenvironmental imprints. (2023) Heliyon, 9(10), e20628.
4. Zhao, Y., Sun, Q., Li, W., ... Meng, Y., Wang, X. Effect of high temperatures on the magnetic susceptibility of loess. (2022) Environmental Science and Pollution Research, 29(36), pp. 54309–543172022.,
5. Wunderlich, T., Kahn, R., Nowaczyk, N.R., ... Hofmann, R., Rabbel, W. On-site non-destructive determination of the remanent magnetization of archaeological finds using field magnetometers. (2022) Archaeological Prospection, 29(2), pp. 205–227.
6. Tema, E., Ferrara, E., Zamboni, L., ... Egea Guevara, A., Casas, L. Determining the use of ancient ceramic artefacts through combined morphological and magnetic analyses: the case of Villa del Foro, Northern Italy. (2022) Archaeological and Anthropological Sciences, 14(1), 1
7. Yang, T., Chou, Y.-M., Ferré, E.C., Dekkers, M.J., Chen, J., Yeh, E.-C., Tanikawa, W. Faulting Processes Unveiled by Magnetic Properties of Fault Rocks. (2020) Reviews of Geophysics, 58 (4), art. no. e2019RG000690.
8. Ogloblin Ramírez, I., Galili, E., Be'eri, R., Golan, D., Krakovsky, M., Dayan, A., Shalem, D., Shahack-Gross, R. Heated mud bricks in submerged and coastal Southern Levant Pre-Pottery Neolithic C and Late Pottery Neolithic/Early Chalcolithic settlements: Diachronic changes in technology and their social implications. (2020) Journal of Archaeological Science: Reports, 30, art. no. 102220
9. Santos, Y., Kondopoulou, D., Papadopoulou, L., Saridaki, N., Aidona, E., Rathossi, C., Serletis, C. An archaeometric contribution to the study of Late Classic-Hellenistic ceramics of Northern Greece. (2020) Journal of Archaeological Science: Reports, 29, art. no. 102097.
10. Francés-Negro, M., Carrancho, Á., Pérez-Romero, A., Arsuaga, J.L., Carretero, J.M., Iriarte, E. Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. (2019) Journal of Archaeological Science, 110, art. no. 104992, .
11. Tema, E., Ferrara, E. Magnetic measurements as indicator of the equivalent firing temperature of ancient baked clays: New results, limits and cautions. (2019) Journal of Cultural Heritage, 35, pp. 64-75.

80. Kostadinova-Avramova, M., *Jordanova, N.*, Jordanova, D., Grigorov, V., Lesigyarski, D., Dimitrov, P., Bozhinova, E. 2018. Firing temperatures of ceramics from Bulgaria determined by rock-magnetic studies. Journal of Archaeological Science: Reports 17: 617–633, *IF = 1.6*

Цитира се в:

1. Qingyu, W., Youjin, W., Longjiang, M., ...Siwei, S., Yunyi, Z. Scientific analysis of red burnt clay - made building materials from Qixingdun site, Hunan Province | **湖南七星墩**遗址中红烧土建筑材料的 **科学分析** （2023）Sciences of Conservation and Archaeology, 35(2), pp. 136–142.
2. Kurosawa, M., Semmoto, M., Shibata, T. Mineralogical Characterization of Early Bronze Age Pottery from the Svilengrad-Brantiite Site, Southeastern Bulgaria. (2022) Minerals, 12(1), 79.
3. Tema, E., Ferrara, E., Zamboni, L., ...Egea Guevara, A., Casas, L. Determining the use of ancient ceramic artefacts through combined morphological and magnetic analyses: the case of Villa del Foro, Northern Italy. (2022) Archaeological and Anthropological Sciences, 14(1), 1
4. Singh, J., Sangode, S.J., Sabale, P.D. Mineral magnetic and XRD spectroscopic studies to investigate the firing temperatures of archeological potsherds. (2021) Journal of Archaeological Science: Reports, 35, art. no. 102759.

5. Safina, G.I., Ushakova, O.B., Mubarakshina, F.D., Safin, I.S. Environmental consequences of firing technologies evolution in ceramics. (2020) Caspian Journal of Environmental Sciences, 18 (5), pp. 509-517.
6. Gliozzo, E. Ceramic technology. How to reconstruct the firing process. (2020) Archaeological and Anthropological Sciences, 12 (11), art. no. 260, .
7. Fiorucci, M., Khoroshiltseva, M., Pontil, M., Traviglia, A., Del Bue, A., James, S. Machine Learning for Cultural Heritage: A Survey. (2020) Pattern Recognition Letters, 133, pp. 102-108.
8. Tong, Y., Wang, C. Study on firing temperature of the Song Dynasty (960–1279AD) greenish-white porcelain in Guangxi, China by thermal expansion method. (2019) Heritage Science, 7 (1), art. no. 70, .
9. Francés-Negro, M., Carrancho, Á., Pérez-Romero, A., Arsuaga, J.L., Carretero, J.M., Iriarte, E. Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. (2019) Journal of Archaeological Science, 110, art. no. 104992, .
10. Tema, E., Ferrara, E. Magnetic measurements as indicator of the equivalent firing temperature of ancient baked clays: New results, limits and cautions. (2019) Journal of Cultural Heritage, 35, pp. 64-75.

81. *Jordanova, N*., Jordanova, D., Barrón, V., Lesigyarski, D., Kostadinova-Avramova, M., 2019. Rock-magnetic and color characteristics of archaeological samples from burnt clay from destructions and ceramics in relation to their firing temperature. Archaeological and Anthropological Sciences, 11, 3595–3612, *IF=2.2*.

Цитира се в:

1. Zhang, B., Wang, H., He, X., ... Fei, G., Shi, P. Correlation study on firing temperature and color of plain pottery excavated from the Tang Dynasty tomb of Liu Jing in Shaanxi, China (2024) Heritage Science, 12(1), 61.
2. Tema, E., Hatakeyama, T., Ferrara, E., ... Mitsumoto, J., Matsumoto, N Insights on the firing temperature of ancient ceramic coffins through a multi-analytical approach: The case of the Sada Nishizuka Kofun, Japan. (2024) Journal of Cultural Heritage, 66, pp. 265–270.
3. Tan, C., Yu, B., Liu, C., ... Jin, H., Yang, R. Color origin and its sedimentary and paleoenvironmental significance of the Permian-Triassic strata in the Ordos Basin, China. (2024) Interpretation, 12(1), pp. T29–T46.
4. Guo, Y., Xiang, F., Ran, H., ... Huang, H., Ding, L. The sacrificial record in burial pits of the late Shang Dynasty: evidences from the chroma and magnetic properties of the Sanxingdui site, Sichuan, China. (2023) Heritage Science, 11(1), 258.
5. Vaknin, Y., Shaar, R., Lipschits, O., ... Maeir, A.M., Ben-Yosef, E. Applying thermal demagnetization to archaeological materials: A tool for detecting burnt clay and estimating its firing temperature. (2023) PLoS ONE, 18(10 October), e0289424.
6. Chen, G., Li, G., Liu, M., ... Wu, G., Zhan, C. The firing temperatures of burnt clay from the Chinese neolithic cultural relics and its paleoenvironmental imprints. (2023) Heliyon, 9(10), e20628.
7. Ruiz-Ardanaz, I., Gil-Fernández, M., Lasheras, E., Durán, A. Revealing the manufacturing technology to produce the unique carreaux de pavement found in the Iberian Peninsula. (2023) Applied Clay Science, 231, 106725.
8. Qingyu, W., Youjin, W., Longjiang, M., ... Siwei, S., Yunyi, Z. Scientific analysis of red burnt clay - made building materials from Qixingdun site, Hunan Province | 湖南七星墩遗址中红烧土建筑材料的科学分析 (2023) Sciences of Conservation and Archaeology, 35(2), pp. 136–142.
9. Dinckal, A., Fisher, E.C., Herries, A.I.R., Marean, C.W. Mapping magnetism: Geophysical modelling of stratigraphic features by using in situ magnetic susceptibility measurements at Pinnacle Point 5-6 North, South Africa. (2022) Geoarchaeology, 37(6), pp. 840–857.
10. Zhao, Y., Sun, Q., Li, W., ... Meng, Y., Wang, X. Effect of high temperatures on the magnetic susceptibility of loess. (2022) Environmental Science and Pollution Research, 29(36), pp. 54309–54317
11. Ruiz-Ardanaz, I., Lasheras, E., Durán, A.; Mineralogical characterization of carreaux de pavement from Northern Spain (Tiebas, navarre). (2021) Minerals, 11 (2), art. no. 153, pp. 1-18.
12. Tema, E., Ferrara, E., Zamboni, L., ... Egea Guevara, A., Casas, L. Determining the use of ancient ceramic artefacts through combined morphological and magnetic analyses: the case of Villa del Foro, Northern Italy. (2022) Archaeological and Anthropological Sciences, 14(1), 1.
13. Ivanova, T.K., Kremenetskaya, I.P., Novikov, A.I., ... Nikolaev, A.G., Slukovskaya, M.V. In situ control of thermal activation conditions by color for serpentines with a high iron content. (2021) Materials, 14(21), 6731
14. Gliozzo, E.; Ceramic technology. How to reconstruct the firing process. (2020) Archaeological and Anthropological Sciences, 12 (11), art. no. 260, .

15. Santos, Y., Kondopoulou, D., Papadopoulou, L., Saridaki, N., Aidona, E., Rathossi, C., Serletis, C.; An archaeometric contribution to the study of Late Classic-Hellenistic ceramics of Northern Greece (2020) Journal of Archaeological Science: Reports, 29, art. no. 102097, .
16. Francés-Negro, M., Carrancho, Á., Pérez-Romero, A., Arsuaga, J.L., Carretero, J.M., Iriarte, E.; Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. (2019) Journal of Archaeological Science, 110, art. no. 104992, .
17. Măţău, F., Chişcan, O., Pintilei, M., Garvăn, D., Stancu, A.; Technological features of the chalcolithic pottery from târpeşti (Neamţ county, Eastern Romania). (2019) Mediterranean Archaeology and Archaeometry, 19 (3), pp. 93-104.

82. Kostadinova_Avramova, M. and *Jordanova, N*., 2019. Study of cooling rate effect on baked clay materials and its importance for archaeointensity determinations. Physics of the Earth and Planetary Interiors 288, 9–25. *IF=2.3*

Цитира се в:

1. Arneitz, P., Schnepp, E. A first archeomagnetic record from the South Atlantic: Investigation of a lime kiln on st. Helena (2023) Journal of Archaeological Science: Reports, 52, 104268.
2. Hernández-Cardona, A., Alva-Valdivia, L.M., Cruz-y-Cruz, T., Pérez-García, H. Temperature- and frequency-dependent magnetic susceptibility on archaeological ceramics of the Tlatilca culture (Mexico City): A pilot study towards an archaeointensity approach. (2023) Journal of Archaeological Science: Reports, 52, 104257.
3. Gallet, Y., Le Goff, M., Genevey, A. Triaxe archeointensity analysis. (2022) Physics of the Earth and Planetary Interiors, 332, 106924.
4. Genevey, A., Gallet, Y., Thébault, E., ...Marot, E., Regnard, S. Archeomagnetic intensity investigations of French medieval ceramic workshops: Contribution to regional field modeling and archeointensity-based dating. (2021) Physics of the Earth and Planetary Interiors, 318, 106750.
5. Brown, M.C., Hervé, G., Korte, M., Genevey, A. Global archaeomagnetic data: The state of the art and future challenges (2021) Physics of the Earth and Planetary Interiors, 318, 106766
6. Allington, M.L., Batt, C.M., Hill, M.J., Nilsson, A., Biggin, A.J., Card, N. Obtaining archaeointensity data from British Neolithic pottery: A feasibility study. (2021) Journal of Archaeological Science: Reports, 37, art. no. 102895,
7. Schnepp, E., Thallner, D., Arneitz, P., Leonhardt, R.. New archeomagnetic secular variation data from Central Europe, II: Intensities. (2020) Physics of the Earth and Planetary Interiors, 309, art. no. 106605, .

83. Antoine, P., Lagroix, F., Jordanova, D., *Jordanova, N*., Lomax, J., Fuchs, M., Debret, M., Rousseau, D.-D. , Hatte, C., Gauthier, C., Moine, O., Taylor, S.N., Till, J.L., Coutard, S., 2019. A remarkable Late Saalian (MIS 6) loess (dust) accumulation in the Lower Danube at Harletz (Bulgaria). Quaternary Science Reviews 207, 80-100. *IF=4.0*

Цитира се в:

1. Ghafarpour, A., Khormali, F., Tazikeh, H., ...Frechen, M., Zolitschka, B. Loess origin and late Pleistocene environmental reconstruction for northeastern Iran: Multiproxy evidences from the Chenarli loess-paleosol sequence. (2024) Quaternary Science Reviews, 328, 108545.
2. Pötter, S., Lehmkuhl, F., Weise, J., Zykina, V.S., Zykin, V.S. Spatiotemporal model for the evolution of a mega-yardang system in the foreland of the Russian Altai. (2023) Aeolian Research, 61, 100866
3. Zykina, V.S., Zykin, V.S., Volvakh, A.O., ...Gavrilov, M.B., Marković, S.B. Late Pleistocene loess-paleosol sequence at the Belovo section, south of Western Siberia, Russia: Preliminary results (2022) Quaternary International, 620, pp. 75–84.
4. Fenn, K., Millar, I.L., Durcan, J.A., ...Veres, D., Stevens, T. The provenance of Danubian loess. (2022) Earth-Science Reviews, 226, 103920.
5. Fenn, K., Thomas, D.S.G., Durcan, J.A., ...Piermattei, A., Lane, C.S. A tale of two signals: Global and local influences on the Late Pleistocene loess sequences in Bulgarian Lower Danube. (2022) Quaternary Science Reviews, 274, 107264
6. Hlavatskyi, D., Bakhmutov, V. Early–middle pleistocene magnetostratigraphic and rock magnetic records of the dolynske section (Lower Danube, Ukraine) and their application to the correlation of loess–palaeosol sequences in eastern and South-eastern Europe. (2021) Quaternary, 4(4), 43.

7. Verheyden, S., Marinova, E., Ivanova, S., ...Goovaerts, T., Gurova, M. Speleothem-based chronology and environmental context of deposits from the Mishin Kamik Cave, NW Bulgaria – A contribution to the archaeological study of the Late Pleistocene human occupation in the Balkans. (2021) Journal of Quaternary Science, 36(7), pp. 1221–1233
8. Laag, C., Hambach, U., Zeeden, C., ...Jovanović, M., Marković, S.B. A Detailed Paleoclimate Proxy Record for the Middle Danube Basin Over the Last 430 kyr: A Rock Magnetic and Colorimetric Study of the Zemun Loess-Paleosol Sequence. (2021) Frontiers in Earth Science, 9, 600086
9. Lehmkuhl, F., Nett, J.J., Pötter, S., ...Viehweger, J., Hambach, U. Loess landscapes of Europe – Mapping, geomorphology, and zonal differentiation. (2021) Earth-Science Reviews, 215, 103496
10. Scheidt, S., Berg, S., Hambach, U., Klasen, N., Pötter, S., Stolz, A., Veres, D., Zeeden, C., Brill, D., Brückner, H., Kusch, S., Laag, C., Lehmkuhl, F., Melles, M., Monnens, F., Oppermann, L., Rethemeyer, J., Nett, J.J., Chronological Assessment of the Balta Alba Kurgan Loess-Paleosol Section (Romania) – A Comparative Study on Different Dating Methods for a Robust and Precise Age Model. (2021) Frontiers in Earth Science, 8, art. no. 598448, .
11. Avram, A., Constantin, D., Veres, D., Kelemen, S., Obreht, I., Hambach, U., Marković, S.B., Timar-Gabor, A. Testing polymineral post-IR IRSL and quartz SAR-OSL protocols on Middle to Late Pleistocene loess at Batajnica, Serbia. (2020) Boreas, 49 (3), pp. 615-633.
12. Wu, X., Hao, Q., Marković, S.B., ...Song, Y., Guo, Z. Progress in Danube Loess and Paleoenvironment Study | **多瑙河黄土与古**环境研究进展（2020） Advances in Earth Science, 35(4), pp. 363–377
13. Flašarová, K., Strouhalová, B., Šefrna, L., Verrecchia, E., Lauer, T., Juřičková, L., Kolařík, P., Ložek, V. Multiproxy evidence of middle and Late Pleistocene environmental changes in the loess-paleosol sequence of Bůhzdař (Czech Republic). (2020) Quaternary International, 552, pp. 4-14.
14. Zykina, V.S., Zykin, V.S., Volvakh, A.O., Radaković, M.G., Gavrilov, M.B., Marković, S.B. Late Pleistocene loess-paleosol sequence at the Belovo section, south of Western Siberia, Russia: Preliminary results. (2020) Quaternary International, in press

84. Jordanova, N., Jordanova, D., Mokreva, A., Ishlyamski, D., Georgieva, B., 2019. Temporal changes in magnetic signal of burnt soils – A compelling three years pilot study. Science of the Total Environment 669, 729–738 *IF=9.8*

Цитира се в:

1. Lopez, A.M., Avila, C.C.E., VanderRoest, J.P., ...Fendorf, S., Borch, T. Molecular insights and impacts of wildfire-induced soil chemical changes. (2024) Nature Reviews Earth and Environment, article in press
2. Mantero, G., Morresi, D., Negri, S., ...Garbarino, M., Marzano, R. Short-term drivers of post-fire forest regeneration in the Western Alps. (2023) Fire Ecology, 19(1), 23.
3. Vega-Martínez, E., Molina, J.R., Barrón, V., ...Carmen del Campillo, M.D., Sánchez-Rodríguez, A.R. Spatio-temporal assessment of soil properties immediately and eight months after a high intensity-controlled burn in the south of Spain. (2023) Science of the Total Environment, 898, 165368.
4. Bonhage, A., Raab, T., Schneider, A., ...Völkel, J., Ramezany, S. From site to state – Quantifying multi-scale legacy effects of historic landforms from charcoal production on soils in Connecticut, USA. (2023) Catena, 232, 107426.
5. Campbell, M., McDonough, L., Treble, P.C., ...Wynn, P.M., Schmitt, A.K. A Review of Speleothems as Archives for Paleofire Proxies, With Australian Case Studies. (2023) Reviews of Geophysics, 61(2), e2022RG000790.
6. Ermolaev, K.A., Olenchenko, V.V. GEOELECTRICAL ANOMALIES FROM HEARTHS AND CAUSES OF THEIR APPEARANCE | ГЕОЭЛЕКТРИЧЕСКИЕ АНОМАЛИИ ОТ КОСТРИЩ И ПРИЧИНЫ ИХ ВОЗНИКНОВЕНИЯ. (2023) Geophysical Research, 24(1), pp. 61–73.
7. Liu, Y., Shi, Z. Combined geophysical surveys using a novel approach to characterize ancient burnt soils: A field experiment at Liangzhu city site in Hangzhou, China (2022) Catena, 216, 106394.
8. Barros e Souza, A., Demattê, J.A.M., Bellinaso, H., ...Silva, S.H.G., Curi, N. A sensors-based profile heterogeneity index for soil characterization. (2021) Catena, 207, 105670
9. Leite, E.C.P., Rodrigues, F.M., Horimouti, T.S.T., Shinzato, M.C., Nakayama, C.R., Freitas, J.G.D. Thermally-induced changes in tropical soils properties and potential implications to sequential nature-based solutions (2021) Journal of Contaminant Hydrology, 241, art. no. 103808, .
10. Asare, M.O., Ondřej, S., Afriyie, J.O. Chemical properties and magnetic susceptibility as proxy indicators of past settlement activities on contemporary arable soil in the Czech Republic. (2021) Geoderma Regional, 24, art. no. e00357,
11. Bradák, B., Carrancho, Á., Herrejón Lagunilla, Á., Villalaín, J.J., Monnier, G.F., Tostevin, G., Mallol, C., Pajović, G., Baković, M., Borovinić, N. Magnetic fabric and archaeomagnetic analyses of anthropogenic

ash horizons in a cave sediment succession (Crvena Stijena site, Montenegro). (2021) Geophysical Journal International, 224 (2), pp. 795-812.

12. Till, J.L., Moskowitz, B., Poulton, S.W. Magnetic Properties of Plant Ashes and Their Influence on Magnetic Signatures of Fire in Soils. (2021) Frontiers in Earth Science, 8, art. no. 592659, .
13. Lenďáková, Z., Bábek, O., Komoróczy, B., Vlach, M., Hüssen, C.-M., Rajtár, J. Petrophysical and geochemical characterization of sediments filling V-shaped ditches of Roman camps in Moravia, Czech Republic: Filling processes and the role of pedogenesis. (2020) Geoarchaeology, 35 (5), pp. 729-747.
14. César de Mello, D., Demattê, J.A.M., Silvero, N.E.Q., Di Raimo, L.A.D.L., Poppiel, R.R., Mello, F.A.O., Souza, A.B., Safanelli, J.L., Resende, M.E.B., Rizzo, R. Soil magnetic susceptibility and its relationship with naturally occurring processes and soil attributes in pedosphere, in a tropical environment. (2020) Geoderma, 372, art. no. 114364, .

85. Jordanova, N., Jordanova, D., Barrón, V., 2019. Wildfire severity: Environmental effects revealed by soil magnetic properties. Land Degradation and Development, 30(18), 2226–2242; *IF=4.7*

Цитира се в:

1. Negri, S., Giannetta, B., Till, J., ...Said-Pullicino, D., Bonifacio, E. Fire simulation effects on the transformation of iron minerals in alpine soils. (2024) Geoderma, 444, 116858.
2. Liang, M.-Y., Wang, Y.-H. Characteristic changes and environmental indicators of magnetic spherules in the South Yellow Sea mud area for about 7.5 ka. (2024) Science of the Total Environment, 918, 170814.
3. Martin, J.S., Downey, A.R.J., Baalousha, M., Won, S.H. Rapid Measurement of Magnetic Particle Concentrations in Wildland-Urban Interface Fire Ashes and Runoff Using Compact NMR. (2024) IEEE Sensors Journal, 24(6), pp. 7355–7363.
4. Kurgaeva, A., Sedov, S., Moreno-Roso, S., ...Solleiro-Rebolledo, E., Sinitsyn, A. Magnetic properties as indicators of pedogenic and pyrogenic processes at the Upper Paleolithic site of Kostenki 14 (2024) Geoarchaeology, 39(2), pp. 143–167.
5. Vega-Martínez, E., Molina, J.R., Barrón, V., ...Carmen del Campillo, M.D., Sánchez-Rodríguez, A.R. Spatio-temporal assessment of soil properties immediately and eight months after a high intensity-controlled burn in the south of Spain (2023) Science of the Total Environment, 898, 165368
6. Bonhage, A., Raab, T., Schneider, A., ...Völkel, J., Ramezany, S. From site to state – Quantifying multi-scale legacy effects of historic landforms from charcoal production on soils in Connecticut, USA. (2023) Catena, 232, 107426.
7. Ouallali, A., Bouhsane, N., Bouhlassa, S., ...Ayoubi, S., Aassoumi, H. Rapid magnetic susceptibility measurement as a tracer to assess the erosion–deposition process using tillage homogenization and simple proportional models: A case study in northern of Morocco. (2023) International Journal of Sediment Research, 38(5), pp. 739–753.
8. Baalousha, M., Desmau, M., Singerling, S.A., ...Stern, M.A., Alpers, C.N. Discovery and potential ramifications of reduced iron-bearing nanoparticles—magnetite, wüstite, and zero-valent iron—in wildland-urban interface fire ashes. (2022) Environmental Science: Nano, 9(11), pp. 4136–4149.
9. Martin, J., Downey, A.R.J., Baalousha, M., Won, S.H. Measurement of Magnetic Particle Concentrations in Wildfire Ash via Compact NMR. (2022) Proceedings of IEEE Sensors, 2022-October
10. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications (2022) Canadian Journal of Soil Science, 102(2), pp. 231–251.
11. Filla, V.A., Coelho, A.P., Ferroni, A.D., Bahia, A.S.R.D.S., Marques Júnior, J. Estimation of clay content by magnetic susceptibility in tropical soils using linear and nonlinear models. (2021) Geoderma, 403, 115371
12. Till, J.L., Moskowitz, B., Poulton, S.W. Magnetic Properties of Plant Ashes and Their Influence on Magnetic Signatures of Fire in Soils (2021). Frontiers in Earth Science, 8, 592659. doi: 10.3389/feart.2020.592659

86. *Jordanova, N.*, Jordanova, D., Tcherkezova, E., Popov, H., Mokreva, A., Georgiev, P., & Stoychev, R., 2020. Identification and Classification of Archeological Materials From Bronze Age Gold Mining Site Ada Tepe (Bulgaria) Using Rock Magnetism. Geochemistry, Geophysics, Geosystems, 21, e2020GC009374. *IF=3.5*

Цитира се в:

1. Cao, W., Qing, H., Xu, X., ...Jiang, Z., Liu, Q. Pre-Archaeological Investigation by Integrating Unmanned Aerial Vehicle Aeromagnetic Surveys and Soil Analyses. (2022) Drones, 6(9), 243.

87. Jordanova, D., *Jordanova, N.* 2020. Diversity and peculiarities of soil formation in eolian landscapes – Insights from the mineral magnetic records. Earth and Planetary Science Letters, 531, 115956, *IF=5.3*

Цитира се в:

1. Ghafarpour, A., Khormali, F., Tazikeh, H., ...Frechen, M., Zolitschka, B. Loess origin and late Pleistocene environmental reconstruction for northeastern Iran: Multiproxy evidences from the Chenarli loess-paleosol sequence. (2024) Quaternary Science Reviews, 328, 108545.
2. Jiang, Q., Hao, Q., Cao, Y., ...Qiao, Y., Peng, S. A new method for the rapid identification of accretionary and non-accretionary paleosols: Insights from loess deposits in monsoonal China. (2024) Catena, 236, 107763.
3. Li, G., Zhang, X., Li, H., ...Hu, J., Wang, Y. Relationship between magnetic properties and weathering in red soil profiles developed on weakly magnetic parent rock in the tropical and subtropical region of Yunnan, China. (2024) Acta Geophysica, article in press
4. Sardoo, E.S., Farpoor, M.H., Mahmoodabadi, M., Jafari, A. Magnetic susceptibility in soil pedons developed on different parent rocks in Kerman province (Iran). (2023) Studia Geophysica et Geodaetica, 67(1-2), pp. 83–106.
5. Vinnepand, M., Fischer, P., Jöris, O., ...Fiedler, S., Vött, A. Decoding geochemical signals of the Schwalbenberg Loess-Palaeosol-Sequences — A key to Upper Pleistocene ecosystem responses to climate changes in western Central Europe (2022) Catena, 212, 106076.
6. Constantin, D., Mason, J.A., Veres, D., ...Begy, R., Timar-Gabor, A. OSL-dating of the Pleistocene-Holocene climatic transition in loess from China, Europe and North America, and evidence for accretionary pedogenesis. (2021) Earth-Science Reviews, 221, 103769.
7. Menshov, O., Kruglov, O., Vyzhva, S., ...Pastushenko, T., Dindaroglu, T. Landscape Position Effects on Magnetic Properties of Soils in the Agricultural Land Pechenigy, Ukraine. (2021) Earth Systems and Environment, 5(3), pp. 739–750
8. Laag, C., Hambach, U., Zeeden, C., ...Jovanović, M., Marković, S.B. A Detailed Paleoclimate Proxy Record for the Middle Danube Basin Over the Last 430 kyr: A Rock Magnetic and Colorimetric Study of the Zemun Loess-Paleosol Sequence. (2021) Frontiers in Earth Science, 9, 600086
9. Lehmkuhl, F., Nett, J.J., Pötter, S., Schulte, P., Sprafke, T., Jary, Z., Antoine, P., Wacha, L., Wolf, D., Zerboni, A., Hošek, J., Marković, S.B., Obreht, I., Sümegi, P., Veres, D., Zeeden, C., Boemke, B., Schaubert, V., Viehweger, J., Hambach, U. Loess landscapes of Europe – Mapping, geomorphology, and zonal differentiation. (2021) Earth-Science Reviews, 215, art. no. 103496,
10. Vasilyeva, M., Kovshov, S., Zelentsova, A. Influence of electromagnetic effects on the parameters of the formation of secondary ecosystems. (2021) Polish Journal of Environmental Studies, 30(4), pp. 3277–3285.
11. Tonkha, O., Menshov, O., Bykova, O., Pikovska, O., Fedosiy, I. Magnetic methods application for the physical and chemical properties assessment of Ukraine soil. (2020) XIV International Scientific Conference on Monitoring of Geological Processes and Ecological Condition of the Environment

88. Lesigyarski, D., *Jordanova, N.*, Kostadinova-Avramova, M., Bozhinova, E., 2020. Clay source and firing temperatures of Roman ceramics: A case study from Plovdiv, Bulgaria. Geoarchaeology, 35(2), 287–309, *IF=1.7*

Цитира се в:

1. de Caro, T., Susanna, F., Fraiegari, P., ...Bruno, S., Macchia, A. Archaeometric Investigations on Archaeological Findings from Palazzo Corsini Alla Lungara (Rome) (2024) Ceramics, 7(1), pp. 137–165
2. Badica, P., Alexandru-Dinu, A., Grigoroscuta, M., Locovei, C., Kuncser, A., Bartha, C., Aldica, G., Negru, M., Batalu, D., Cruceru, N., Savulescu, I.; Kaolin clay pottery discovered in the Roman city of Romula (Olt County, Romania). (2021) Journal of Archaeological Science: Reports, 36, art. no. 102899, .
3. Simsek Franci, G., Akkas, T., Yildirim, S., Yilmaz, S., Birdevrim, A.N.. Characterization of a Jian-like sherd with the optical microscope, confocal Raman, wavelength-dispersive X-ray fluorescence, and portable XRF spectrometers. (2020) Journal of Raman Spectroscopy, 51 (8), pp. 1343-1352.

89. Rousseau, D.-D., Antoine, P., Boers, N., ...Jordanova, D., *Jordanova, N.*, 2020. Dansgaard-Oeschger-like events of the penultimate climate cycle: The loess point of view. Climate of the Past, 16(2), 713–727; *IF=4.3*

Цитира се в:

1. Holliday, V.T., Daulton, T.L., Bartlein, P.J., ...Petaev, M.I., Claeys, P. Comprehensive refutation of the Younger Dryas Impact Hypothesis (YDIH). (2023) Earth-Science Reviews, 247, 104502.
2. Ghafarpour, A., Khormali, F., Tazikeh, H., ...Frechen, M., Zeeden, C. Geophysical sediment properties of a late Pleistocene loess-paleosol sequence, Chenarli, northeastern Iran. (2023) Quaternary Research (United States), 114, pp. 114–129
3. Prud'homme, C., Fischer, P., Jöris, O., ...Vött, A., Fitzsimmons, K.E. Millennial-timescale quantitative estimates of climate dynamics in central Europe from earthworm calcite granules in loess deposits. (2022) Communications Earth and Environment, 3(1), 267.
4. Boulila, S., Galbrun, B., Gardin, S., Pellenard, P. A Jurassic record encodes an analogous Dansgaard–Oeschger climate periodicity. (2022) Scientific Reports, 12(1), 1968.
5. Feng, J.-L., Wang, K.-Y., Hu, H.-P., ...Zhang, J.-F., Gao, S.-P. Amplified and suppressed regional imprints of global warming events on the southeastern Tibetan Plateau during MIS 3–2 (2022) Quaternary Science Reviews, 294, 107736.
6. Materazzi, M., Bufalini, M., Dramis, F., ...Gentili, B., Di Leo, M. Active tectonics and paleoseismicity of a transverse lineament in the Fabriano valley, Umbria-Marche Apennine (central Italy). (2022) International Journal of Earth Sciences, 111(5), pp. 1539–1549.
7. Li, F., Wu, N., Zhang, D., ...Dong, Y., Lu, H. Glacial-interglacial evolution of seasonal cooling events documented by land-snail eggs from Chinese loess. (2022) Quaternary Science Reviews, 284, 107506.
8. Ghafarpour, A., Khormali, F., Meng, X., Tazikeh, H., Stevens, T. Late Pleistocene Climate and Dust Source From the Mobarakabad Loess–Paleosol Sequence, Northern Foothills of the Alborz Mountains, Northern Iran. (2022) Frontiers in Earth Science, 9, 795826
9. Wolf, D., Kolb, T., Ryborz, K., Heinrich, S., Schäfer, I., Calvo, R., Sanchez, J., Hambach, U., Zech, R., Zöller, L., Faust, D., Evidence for strong relations between the upper Tagus loess formation (central Iberia) and the marine atmosphere off the Iberian margin during the last glacial period, (2021) Quaternary Research (United States), 101, pp. 84-113.
10. Kehl, M., Vlaminck, S., Köhler, T., Laag, C., Rolf, C., Tsukamoto, S., Frechen, M., Sumita, M., Schmincke, H.-U., Khormali, F. ; Pleistocene dynamics of dust accumulation and soil formation in the southern Caspian Lowlands - New insights from the loess-paleosol sequence at Neka-Abelou, northern Iran. (2021) Quaternary Science Reviews, 253, art. no. 106774, .
11. Scheidt, S., Berg, S., Hambach, U., Klasen, N., Pötter, S., Stolz, A., Veres, D., Zeeden, C., Brill, D., Brückner, H., Kusch, S., Laag, C., Lehmkuhl, F., Melles, M., Monnens, F., Oppermann, L., Rethemeyer, J., Nett, J.J.; Chronological Assessment of the Balta Alba Kurgan Loess-Paleosol Section (Romania) – A Comparative Study on Different Dating Methods for a Robust and Precise Age Model. (2021) Frontiers in Earth Science, 8, art. no. 598448, .

12. Wegwerth, A., Kaiser, J., Dellwig, O., Arz, H.W.; Impact of Eurasian Ice Sheet and North Atlantic Climate Dynamics on Black Sea Temperature Variability During the Penultimate Glacial (MIS 6, 130–184 ka BP). (2020) Paleoceanography and Paleoclimatology, 35 (8), art. no. e2020PA003882,

90. Jordanova, N., Jordanova, D., Lesigyarski, D., Kostadinova-Avramova, M., 2020. Imprints of paleo-environmental conditions and human activities in mineral magnetic properties of fired clay remains from Neolithic houses. Journal of Archaeological Science: Reports, 33, 102473; *IF = 1.6.*

Цитира се в:

1. Chen, G., Li, G., Liu, M., ...Wu, G., Zhan, C. The firing temperatures of burnt clay from the Chinese neolithic cultural relics and its paleoenvironmental imprints. (2023) Heliyon, 9(10), e20628.
2. Cuenca-García, C., Aidona, E., Wilson, C., Jrad, A., Sarris, A. Geophysical and Geochemical Proxies of Neolithic Sites from Thessaly: A Comparative Study on the Potential of Soil Magnetic Susceptibility and Phosphate Analyses for Minimally Invasive Location and Interpretation of Buried Features. (2023) Geosciences (Switzerland), 13(1), 3

91. Ишлямски Д., Георгиева Б., Йорданова Н., 2020. Геофизични изследвания на степента на антропогенно замърсяване на детски площадки в град София. Bulgarian Geophysical Journal, Vol. 43, 3-18

92. Jordanova, D., Jordanova, N., 2021. Updating the significance and paleoclimate implications of magnetic susceptibility of Holocene loessic soils. Geoderma, 391, 114982. *IF=6.1*

Цитира се в:

1. Alekseev, A.O., Alekseeva, T.V. Mineralogy and Magnetic Properties of the Loess-Soil Formation as the Reflection of the Landscape and Climatic Conditions in the Terek–Kuma Lowland in the Pleistocene. (2024) Eurasian Soil Science, 57(1), pp. 63–73.
2. Zhang, M., Zhang, W., Zhang, K., Yu, Y., Liu, L. Centennial scale temporal responses of soil magnetic susceptibility and spatial variation to human cultivation on hillslopes in Northeast China. (2023) Soil and Tillage Research, 234, 105865.
3. Alekseev, A.O., Shary, P.A., Malyshev, V.V. Magnetic susceptibility of soils as an ambiguous climate proxy for paleoclimate reconstructions. (2023) Quaternary International, 661, pp. 10–21.
4. Guo, X., He, L., Zhao, G., ...Cao, H., Wu, H. Spatial-temporal Characteristics of Holocene Paleosols in the Chinese Loess Plateau and Paleoclimatic Significance. (2022) Chinese Geographical Science, 32(6), pp. 1110–1118.
5. Ji, W., Huang, Y., Li, B., Li, Z. Identifying multivariate controls of water and nitrate in deep loess deposits under different land use types. (2022) Journal of Hydrology, 613, 128409.
6. Vinnepand, M., Fischer, P., Jöris, O., ...Fiedler, S., Vött, A. Decoding geochemical signals of the Schwalbenberg Loess-Palaeosol-Sequences — A key to Upper Pleistocene ecosystem responses to climate changes in western Central Europe. (2022) Catena, 212, 106076.
7. Frankl, A.L., Maxbauer, D.P., Savina, M.E. Linkages between soil organic matter and magnetic mineral formation in agricultural fields in southeastern Minnesota, USA. (2022) Geoderma, 406, 115466.
8. Shirzaditabar, F., Heck, R.J. Characterization of soil magnetic susceptibility: a review of fundamental concepts, instrumentation, and applications. (2022) Canadian Journal of Soil Science, 102(2), pp. 231–251.
9. Hlavatskyi, D., Bakhmutov, V. Early–middle pleistocene magnetostratigraphic and rock magnetic records of the dolynske section (Lower danube, ukraine) and their application to the correlation of loess–palaeosol sequences in eastern and south-eastern europe (2021) Quaternary, 4(4), 43.

93. Jordanova, N., Jordanova, D., Tcherkezova, E., Georgieva, B., Ishlyamski, D., 2021. Advanced mineral magnetic and geochemical investigations of road dusts for assessment of pollution in urban areas near the largest copper smelter in SE Europe. Science of the Total Environment 792, art.148402, *IF =9.8.*

Цитира се в:

1. Haghighizadeh, A., Rajabi, O., Nezarat, A., ...Asl, S.D., Aghababai Beni, A. Comprehensive analysis of heavy metal soil contamination in mining Environments: Impacts, monitoring Techniques, and remediation strategies. (2024) Arabian Journal of Chemistry, 17(6), 105777.
2. Zhang, Y., Frimpong, A.J., Tang, J., ...Fayzullayevich, J.V., Tan, G. An explicit review and proposal of an integrated framework system to mitigate the baffling complexities induced by road dust-associated contaminants. (2024) Environmental Pollution, 349, 123957.
3. Chen, L., Fang, L., Yang, X., ...Bolan, N., Rinklebe, J. Sources and human health risks associated with potentially toxic elements (PTEs) in urban dust: A global perspective. (2024) Environment International, 187, 108708.
4. Vizuete-Jaramillo, E., Robles-Morua, A., Meza-Figueroa, D., Schiavo, B., Gonzalez-Grijalva, B. Seasonal quantification of Zn2+, Pb2+ and Cu2+ in urban dusts in a semiarid city in northwest Mexico. (2024) Atmospheric Pollution Research, 15(5), 102074.
5. Guo, L., Shi, L., Wang, P., ...Chi, R., Yu, J. New clues to the mechanism in controlling arsenic leaching from flash copper smelter flue dusts by using X-ray absorption spectroscopy. (2024) Separation and Purification Technology, 332, 125812.
6. Zhang, Y.-S., Hu, X.-F., Wang, X.-D., Mei, L.-S., Jia, Y.-T. Magnetic enhancement of road dusts in Shanghai and its implications for the urban environment. (2024) Journal of Soils and Sediments, article in press
7. Sharifi, S.A., Zaeimdar, M., Jozi, S.A., Hejazi, R. Effects of Soil, Water and Air Pollution with Heavy Metal Ions Around Lead and Zinc Mining and Processing Factories. (2023) Water, Air, and Soil Pollution, 234(12), 760.
8. Menshov, O., Vyzhva, S., Horoshkova, L., ...Pastushenko, T., Eiben, H. Distribution of soil magnetic susceptibility as a pollution indicator in the urban and tourist city of Lviv, Ukraine. (2023) Environmental Earth Sciences, 82(21), 486.
9. Das, M., Proshad, R., Chandra, K., ...Baroi, A., Idris, A.M. Heavy metals contamination, receptor model-based sources identification, sources-specific ecological and health risks in road dust of a highly developed city. (2023) Environmental Geochemistry and Health, 45(11), pp. 8633–8662
10. Proshad, R., Dey, H.C., Ritu, S.A., ...Islam, M., Idris, A.M. A review on toxic metal pollution and source-oriented risk apportionment in road dust of a highly polluted megacity in Bangladesh. (2023) Environmental Geochemistry and Health, 45(6), pp. 2729–2762.
11. Zhang, J., Tao, H., Ge, H., ...Xiao, R., Li, X. Assessment of heavy metal contamination of an electrolytic manganese metal industrial estate in northern China from an integrated chemical and magnetic investigation. (2023) Environmental Geochemistry and Health, 45(6), pp. 2963–2983.
12. Zeng, F., Jiang, Z. Spatial and temporal evolution of mine dust research: visual knowledge mapping analysis in Web of Science from 2001 to 2021. (2023) Environmental Science and Pollution Research, 30(22), pp. 62170–62200.
13. Gong, Y., Yang, S., Chen, S., ...Yang, K., Cheng, H. Soil microbial responses to simultaneous contamination of antimony and arsenic in the surrounding area of an abandoned antimony smelter in Southwest China. (2023) Environment International, 174, 107897.
14. Li, F., Zhang, S., Zhu, N., ...Ma, W., Wu, P. Strong binding of heavy metals in fayalite of copper smelting slags: Lattice site substitution. (2023) Science of the Total Environment, 866, 161351.
15. Bondar, K., Bakhmutov, V., Menshov, O., Poliachenko, Ie., Hlavatskyi, D. Detecting war-related pollution of soils using magnetic and geochemical methods. First results from recaptured outskirts of Kyiv. (2023) 17th International Conference Monitoring of Geological Processes and Ecological Condition of the Environment, Monitoring 2023.
16. Zulaikah, S., Damayanti, C.S., Hafiz, ...Herrin, J.S., Hasan, M.F.R. Magnetic Signature and Element Content of Upflow and Outflow Hotspring in Arjuno–Welirang Geothermal System. (2023) International Journal on Advanced Science, Engineering and Information Technology, 13(3), pp. 1202–1209.
17. Qi, M., Wu, Y., Zhang, S., Li, G., An, T. Pollution Profiles, Source Identification and Health Risk Assessment of Heavy Metals in Soil near a Non-Ferrous Metal Smelting Plant. (2023) International Journal of Environmental Research and Public Health, 20(2), 1004.

18. Alex, F.J., Tan, G., Kyei, S.K., ...Fayzullayevich, J.V., Olayode, I.O. Transmission of viruses and other pathogenic microorganisms via road dust: Emissions, characterization, health risks, and mitigation measures. (2023) Atmospheric Pollution Research, 14(1), 101642.
19. Guo, R., Hung, C.-C., Lin, Z.-H., Chen, W.-T. Relationship Assessment of COVID-19, Air Pollution, and Copper Demand from the Perspective of Copper Price. (2022) Axioms, 11(12), 713.
20. Goren, A.Y., Genisoglu, M., Kazancl, Y., Sofuoglu, S.C. Countrywide Spatial Variation of Potentially Toxic Element Contamination in Soils of Turkey and Assessment of Population Health Risks for Nondietary Ingestion (2022) ACS Omega, 7(41), pp. 36457–36467.
21. Hou, X., Ding, D., Xiao, G., ...Gao, Y., Lei, C. Effects of La2O3 on the viscosity of copper smelting slag and corrosion resistance of magnesia refractory bricks. (2022) Ceramics International, 48(17), pp. 25103–25110.
22. Botsou, F., Sungur, A., Kelepertzis, E., ...Skordas, K., Soylak, M. Estimating remobilization of potentially toxic elements in soil and road dust of an industrialized urban environment. (2022) Environmental Monitoring and Assessment, 194(8), 526.
23. Xu, D.-M., Fu, R.-B. A typical case study from smelter–contaminated soil: new insights into the environmental availability of heavy metals using an integrated mineralogy characterization. (2022) Environmental Science and Pollution Research, 29(38), pp. 57296–57305.
24. Wang, H., Zhu, R., Dong, K., ...Jiang, Z., Lan, X. An experimental comparison: Horizontal evaluation of valuable metal extraction and arsenic emission characteristics of tailings from different copper smelting slag recovery processes. (2022) Journal of Hazardous Materials, 430, 128493.
25. Xiao, H., Leng, X., Qian, X., ...Liu, X., Li, H. Prediction of heavy metals in airborne fine particulate matter using magnetic parameters by machine learning from a metropolitan city in China. (2022) Atmospheric Pollution Research, 13(3), 101347.
26. Jeong, H., Ra, K. Investigations of Metal Pollution in Road Dust of Steel Industrial Area and Application of Magnetic Separation. (2022) Sustainability (Switzerland), 14(2), 919.
27. Yang, D., Wu, J., Hong, H., ...Yan, C., Lu, H. Traffic-related magnetic pollution in urban dust from the Xiamen Island, China. (2021) Environmental Chemistry Letters, 19(6), pp. 3991–3997.
28. Zapana, J.A.V. (2021). Relación de las variables meteorológicas en la dispersión espacio temporal de los contaminantes atmosféricos (PM2.5, PM10, SO2, NO2, O3) del distrito de Pacocha, Moquegua, 2019 – 2020.. Tesis para optar el título profesional de Ingeniero Ambiental, Escuela Académico Profesional de Ingeniería Ambiental, Universidad Continental, Huancayo, Perú

94. Kostadinova-Avramova, M., Kosterov, A., Jordanova, N., Dimitrov, P., Kovacheva, M., 2021. Geomagnetic field variations and low success rate of archaeointensity determination experiments for Iron Age sites in Bulgaria. Physics of the Earth and Planetary Interiors, 320, 106799. *IF=2.3*

Цитира се в:

1. Hassul, E., Shaar, R., Vaknin, Y., ...Sandhaus, D., Lipschits, O. Geomagnetic Field Intensity During the First Millennium BCE From Royal Judean Storage Jars: Constraining the Duration of the Levantine Iron Age Anomaly. (2024) Geochemistry, Geophysics, Geosystems, 25(5), e2023GC011263.
2. Hernández-Cardona, A., Alva-Valdivia, L.M., Cruz-y-Cruz, T., Pérez-García, H. Temperature- and frequency-dependent magnetic susceptibility on archaeological ceramics of the Tlatilca culture (Mexico City): A pilot study towards an archaeointensity approach. (2023) Journal of Archaeological Science: Reports, 52, 104257.
3. Aidona, E., Kondopoulou, D., Kyriakidou, E.-G., ...Polymeris, G.S., Orgeolet, R. Geomagnetic field intensity variations during the second millennium BCE: new data from the greek middle and late bronze age. (2023) Physics of the Earth and Planetary Interiors, 334, 106958

95. Jordanova, D., Jordanova, N., Dimov, D., Georgieva, B., Ishlyamski, D., 2022. The role of tephra additions on development of incipient soils from Livingston Island (Antarctic Peninsula) revealed by environmental magnetism. Catena, 212, art. 106103. *IF=6.2*

Цитира се в:

1. Siqueira, R.G., Moquedace, C.M., Fernandes-Filho, E.I., ...Sacramento, I.F., Michel, R.F.M. Modelling and prediction of major soil chemical properties with Random Forest: Machine learning as tool to understand soil-environment relationships in Antarctica. (2024) Catena, 235, 107677.
2. de Mello, D.C., Veloso, G.V., Moquedace, C.M., ...Schaefer, C.E.G.R., Demattê, J.A.M. Radiometric and magnetic susceptibility characterization of soil profiles: Geophysical data and their relationship with Antarctic periglacial processes, pedogenesis, and lithology. (2023) Catena, 232, 107427.

96. Jordanova, D., Laag, C., Jordanova, N., Lagroix, F., Georgieva, B., Ishlyamski, D., Guyodo, Y., 2022. A detailed magnetic record of Pleistocene climate and distal ash dispersal during the last 800 kyrs - The Suhia Kladenetz quarry loess-paleosol sequence near Pleven (Bulgaria). Global and Planetary Change, 214, art. 103840. *IF=3.9*

Цитира се в:

1. Bakhmutov, V., Hlavatskyi, D., Melnyk, G., Mychak, S., Cherkes, S. Pleistocene climate fluctuations recorded in the magnetic susceptibility of the longest LPSs of Ukraine. (2022) International Conference of Young Professionals, GeoTerrace 2022.
2. Fernandez, G., Giaccio, B., Costa, A., ...Isaia, R., Sottili, G. New constraints on the Middle-Late Pleistocene Campi Flegrei explosive activity and Mediterranean tephrostratigraphy (∼160 ka and 110–90 ka). (2024) Quaternary Science Reviews, 331, 108623.
3. Wang, M., Kong, F., Kong, X., ...Han, M., Shujian, X.U. Sedimentary Characteristics, Ages, and Environmental Significance of Gravel Deposits and Loess in Shandong, Eastern China: Regional Response to Global Change Since the Last Glacial Period. (2024) Acta Geologica Sinica (English Edition), 98(2), pp. 491–504.
4. Ben Ahmed, W., Henchiri, M., Zidi, M.K., Mkadmi, S., Kefi, H. Late Pleistocene clastic tufa from Gafsa, southern Tunisia: Implications for paleo-landscape interpretation. (2023) Journal of African Earth Sciences, 205, 104987.
5. Namier, N., Hao, Q., Gao, X., ...Marković, R., Guo, Z. Comprehensive magnetic analysis of the tephras in Middle-Late Pleistocene loess records of Serbia, and implications for tephra identification, correlation and loess chronology. (2023) Quaternary Science Reviews, 313, 108202.
6. Ning, W., Zan, J., Heller, F., ...Kang, J., Shen, M. Magnetic Proxy of Eurasian Loess Revealing Enhanced Physical Erosion Since the Mid-Pleistocene Transition. (2023) Geophysical Research Letters, 50(13), e2023GL104411.
7. Leicher, N., Giaccio, B., Pereira, A., ...Zanchetta, G., Wagner, B. Central Mediterranean tephrochronology between 313 and 366 ka: New insights from the Fucino palaeolake sediment succession. (2023) Boreas, 52(2), pp. 240–271.
8. Schwahn, L., Schulze, T., Fülling, A., ...Preusser, F., Sprafke, T. Multi-method study of the Middle Pleistocene loess-palaeosol sequence of Köndringen, SW Germany. (2023) E and G Quaternary Science Journal, 72(1).
9. Scarani, A., Zandonà, A., Di Fiore, F., ...Romano, C., Di Genova, D. A chemical threshold controls nanocrystallization and degassing behaviour in basalt magmas. (2022) Communications Earth and Environment, 3(1), 284.
10. Bakhmutov, V., Hlavatskyi, D. On the reliability of a stratigraphic interpretation that overlooks geophysical techniques and results when determining the age of loess-soil deposits – Comment on Łanczont et al. (2022) "A remarkable last glacial loess sedimentation at Roxolany in the Dniester Liman (Southern Ukraine)" (2022) Quaternary Science Reviews, 297, 107668.2022
11. Siqueira, R.G., Moquedace, C.M., Fernandes-Filho, E.I., ...Sacramento, I.F., Michel, R.F.M. Modelling and prediction of major soil chemical properties with Random Forest: Machine learning as tool to understand soil-environment relationships in Antarctica. (2024) Catena, 235, 107677.

12. de Mello, D.C., Veloso, G.V., Moquedace, C.M., ...Schaefer, C.E.G.R., Demattê, J.A.M. Radiometric and magnetic susceptibility characterization of soil profiles: Geophysical data and their relationship with Antarctic periglacial processes, pedogenesis, and lithology. (2023) Catena, 232, 107427.

97. Jordanova, D., Georgieva, B., Jordanova, N., Guyodo, Y., Lagroix, F., 2022. Holocene palaeoenvironmental conditions in NE Bulgaria uncovered by mineral magnetic and paleomagnetic records of an alluvial soil. Quaternary International, 631, pp. 47–58. ***IF=2.2***

Цитира се в:

1. Styllas, M., Pennos, C., Persoiu, A., ...Ghilardi, M., Demory, F. Aeolian dust accretion outpaces erosion in the formation of Mediterranean alpine soils. New evidence from the periglacial zone of Mount Olympus, Greece. (2023) Earth Surface Processes and Landforms, 48(14), pp. 3003–3021.
2. Xu, Q., Wang, Y., Ma, L., ...Bi, J., Jiang, C. Paleoclimate quantitative reconstruction and characteristics of continental red beds: a case study of the lower fourth sub-member of Shahejie Formation in the Bonan Sag. (2023) Journal of Petroleum Exploration and Production Technology, 13(10), pp. 1993–2014.

98. Jordanova, D., Simon, Q., Balescu, S., Jordanova, N., Ishlyamski, D., Georgieva, B., Duvivier, A., Cornu, S., 2022. Environmental changes in southeastern Europe over the last 450 ka: Magnetic and pedologic study of a loess-paleosol profile from Kaolinovo (Bulgaria). Quaternary Science Reviews, 292, art. 107671. ***IF=4.0***

Цитира се в:

1. Panin, P., Kalinin, P., Filippova, K., Sychev, N., Bukhonov, A. Paleo-pedological record in loess deposits in the south of the East European plain, based on Beglitsa-2017 section study. (2023) Geoderma, 437, 116567.
2. Łanczont, M., Mroczek, P., Komar, M., ...Frankowski, Z., Standzikowski, K. Reply to the comment on "A remarkable last glacial loess sedimentation at Roxolany in the Dniester Liman (Southern Ukraine)" by Łanczont et al. (2022) (2022) Quaternary Science Reviews, 297, 107835.